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# F-250/F-350/F-450 Super Duty® Pickups

## What's Important

- Key Messages
- Key Features Overview
- Key Competitors

### Key Messages

- Super Duty® trucks are new for 2011 and are the “must-have” heavy-duty truck for the toughest jobs
- New exterior styling with a bold new front end featuring a clamshell hood design
- New Ford-designed, Ford-engineered and Ford-built 6.7L Power Stroke® V8 turbo diesel engine is the cleanest Power Stroke diesel ever
- New 6.2L V8 gasoline engine, Ford-designed, Ford-engineered and Ford-built
- New standard heavy-duty TorqShift® 6-speed SelectShift Automatic™ transmission, Ford-designed, Ford-engineered and Ford-built
- Standard driver and passenger front airbags, seat side airbags and Safety Canopy® side curtains with roll sensor

### Key Features Overview

**Trailer Sway Control**  
(pg. 45)

**Ford Work Solutions™**  
(pg. 33)

**New Heavy Duty  
TorqShift 6-speed SelectShift  
Automatic transmission**  
(pg. 22)

**Excellent towing  
capacity**  
(pgs. 44, 45)

**AdvanceTrac® with  
RSC® (Roll Stability  
Control™)**  
(pg. 43)



**New 6.7L  
Power Stroke V8 turbo  
diesel engine**  
(pgs. 16, 17)

**New 6.2L V8 gasoline  
engine**  
(pgs. 14, 15)

### Key Competitors

• Chevrolet Silverado 2500HD and 3500HD

• Ram Heavy Duty 2500 and 3500

# F-250/F-350/F-450 Super Duty® Pickups

## What's Important

# 2011

ON THIS PAGE

- Model Lineup
- Key Functional Features
- Key Exterior Features

### Key Features

#### Model Lineup

- 2011 lineup includes XL, XLT, Lariat and King Ranch
- Cabela's® no longer available

#### Functional

- **AdvanceTrac® with RSC® (Roll Stability Control™) standard on single rear wheel (SRW) models**
- Electronic locking rear axle available on SRW models
- Manual transmission deleted
- Maximum Gross Vehicle Weight Ratings (GVWR) increased to:
  - 10,900 lbs. on F-350 SRW SuperCab 4x2 with gasoline engine
  - 13,300 lbs. on F-350 DRW and F-450 models
- Maximum payload rating increased to 7070 lbs. on F-350 DRW Regular Cab with gasoline engine
- MyKey® owner controls feature
- New 6.2L V8 gasoline engine
  - Flex Fuel capability
- New 6.7L Power Stroke® V8 turbo diesel engine
  - **400 horsepower/800 lb.-ft. of torque**
  - B20 biodiesel capability
  - Engine Exhaust Braking integrated in Tow/Haul Mode
- New Heavy-Duty 6-speed TorqShift® SelectShift Automatic™ transmission with Full Manual Mode, Tow/Haul Mode and Progressive Range Select
- New Hill Descent control™
- New Hill Start Assist
- New Live Drive Power Takeoff (PTO) for mobile and stationary mode operation
- Operator Commanded Regeneration (OCR)
- Trailer Brake Controller
- Trailer Sway Control

#### Exterior

- New exterior styling with Built Ford Tough truck DNA and at-a-glance differentiation from previous model and F-150
- Bold front-end design
- Dual-beam jewel-effect halogen headlamps
- New inverted power dome hood
  - Clamshell hood design separates the hood and grille; grille now mounted on the body
- New grille with large chrome crossbars with sawtooth design and bull nostril ends for a rugged, industrial appearance
- New 13" Ford oval communicates Super Duty toughness
- New Power Stroke door badges
- Stowable bed extender
- Tailgate Assist
- Tailgate Step
- ToughBed® spray-in bedliner
- Wheels
  - **17" cast aluminum standard on XLT**
  - **18" cast aluminum standard on Lariat**
  - **20" cast aluminum optional**

F-250/F-350/F-450  
SD Pickups

NOTE: See the latest Dealer Ordering Guide for feature availability.

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# F-250/F-350/F-450 Super Duty® Pickups

## What's Important

- Key Interior Features
- Options Added for 2011
- Options Changed for 2011
- Options Deleted for 2011

### Key Features cont'd

#### Interior

- All-new instrumentation with enhanced Message Center
- Ford Work Solutions™
- Front-seat side airbags and Safety Canopy® System on all models
- **Intelligent 3-blink turn signal**
- Manual tilt/telescoping steering column standard
- New, class-exclusive<sup>(1)</sup> Productivity Screen with configurable 4.2" LCD display includes six base menu options customizable by the driver using a five-button switch on the steering wheel. Options include:
  - Gauge Mode
  - Trip A/B
  - Fuel Economy
  - Truck Apps
  - Settings
  - Information
- **New standard or available seating features:**
  - **10-way power driver and passenger seats standard on Lariat**
  - **All-new front seats with manual driver side lumbar standard on XL**
  - **Climate-controlled front seats standard on King Ranch, optional on Lariat**
  - **Lariat 40/console/40 leather-trimmed seating surfaces are monotone**
  - New flow-through configurable console standard on Lariat and King Ranch
  - New SuperCab 60/40 rear seat with flip-up feature
  - New Crew Cab 60/40 rear seat with flip-up/fold-down feature includes locking underseat storage with 12V power point (standard on XLT and above)
- SYNC®

#### Options Added for 2011

- Heated backlight/rear-window defrost available on Lariat and King Ranch
- **Heated and cooled driver and front passenger seats available on Lariat, standard on King Ranch**
- New Hill Descent Control
  - Included and only available with the FX4 Off-Road Package
- Operator Commanded Regeneration (OCR) optional on XL and XLT models with diesel engine and base instrument cluster
- Power sliding rear window with privacy glass available on XLT SuperCab and Crew Cab, standard on Lariat and King Ranch
- Productivity Screen included in XLT Premium Package, standard on Lariat and King Ranch
- Remote start available, standard on King Ranch

#### Options Changed for 2011

- 18" cast aluminum wheels with bright hub covers and center ornaments optional on F-250 and F-350 SRW XLT models
- 40/console/40 front seating with configurable console available on XLT; console includes:
  - 110-volt/150-watt power inverter at the rear
  - 12-volt power points (2) – one located at the rear and one located inside the lockable storage area
  - Increased storage space
  - Storage for up to two laptops
- **5th Wheel/Gooseneck Hitch Prep Package available with 6.75-foot box**
- **Crew Chief™ optional on Lariat and King Ranch models**
- **Dual alternator output increased to 357 amp total, optional with 6.7L diesel**
- Electronic Shift-On-the-Fly standard on Lariat
- Engine-only traction control standard on dual rear wheel (DRW) models
- HD Radio™ included in voice-activated Navigation System
- Memory feature for power adjustable pedals, **easy-entry/easy-exit** power driver seat and power trailer tow mirrors available on Lariat, standard on King Ranch
- Power Takeoff (PTO) provision includes Live Drive allowing mobile or stationary operation anytime the engine is running, 6.7L diesel only
- Premium single-CD/MP3 player with 8 speakers and subwoofer standard on Lariat and King Ranch

#### Options Deleted for 2011

- **5.4L V8 gasoline engine**
- **6.4L V8 turbo diesel engine**
- **6.8L V10 gasoline engine**
- 6-disc in-dash CD/MP3 changer with 4-speakers
- 6-speed manual transmission
- Premium 6-disc in-dash CD/MP3 changer with 8-speakers and subwoofer
- Premium two-tone paint on XLT
- Rear-seat DVD entertainment system

(1) Class is full-size pickups over 8500 lbs. GVWR.

NOTE: See the latest Dealer Ordering Guide for feature availability.

# F-250/F-350/F-450 Super Duty® Pickups

## What's Important

# 2011

ON THIS PAGE

- Packages Added for 2011
- Packages Changed for 2011
- Packages Deleted for 2011

### Key Features cont'd

#### Packages Added for 2011

- Lariat Interior Package replaces previous Lariat Plus Package **and adds heated/cooled driver and front passenger seats, easy-entry/easy-exit memory driver seat and remote start system**
- Power Equipment Group; integrated key replaces separate remote keyless entry keyfob
- XL Value Package replaces XL Décor Group and XL Plus Packages and includes:
  - Bright chrome hub covers and center ornaments (SRW only)
  - Chrome front and rear step bumper
  - Cruise control
  - **MyKey® owner controls feature**
  - Single-CD/MP3 player with 4 speakers
- XLT Appearance Package available and includes:
  - 18" **cast** aluminum wheels
  - Chrome Package contents
  - Fog lamps
  - LT275/65R18E BSW A/S tires
- XLT Interior Package replaces XLT Convenience Package and includes:
  - Autolamp/Rainlamp
  - Autolock/Unlock
  - Power adjustable pedals
  - Power driver seat (6-way)
  - SecuriCode™ Keyless Entry Keypad
- XLT Premium Package available, includes:
  - Autolamp/Rainlamp
  - Autolock/Unlock
  - Chrome Package contents
  - Electrochromic mirror
  - Fog lamps
  - Productivity Screen
  - Power adjustable pedals
  - Power driver seat (6-way)
  - SecuriCode™ Keyless Entry Keypad
  - Steering wheel controls
  - SYNC®

#### Packages Added for 2011

- Lariat Ultimate Package adds **heated/cooled driver and front passenger seats, easy-entry/easy-exit memory driver seat**, remote start system and HD Radio™ capability to Navigation radio; deletes universal garage door opener
- XL Décor Group available on XL model, Fleet only with valid FIN code, includes:
  - Bright chrome hub covers and center ornaments
  - Chrome front and rear step bumper

#### Packages Deleted for 2011

- Cabela's Package
- **Cabela's Luxury Package**
- Ford Harley-Davidson F-Series Super Duty Package
- King Ranch Package
- Lariat Plus Package
- TowBoss Package
- XL Plus Package
- XLT Convenience Package

# F-250/F-350/F-450 Super Duty® Pickups

## Model Lineup

### Model Lineup Pages

The Model Lineup pages are based on the Dealer Ordering Guide and are designed to show key features/equipment on Ford Super Duty® Pickups. As you move through the model lineup, each model adds to or upgrades the equipment of the preceding model, except where additions/exemptions are noted. The F-250/F-350/F-450 Super Dutys are available in 4 series:

- XL
- XLT
- Lariat
- King Ranch

### XL — Standard model

#### Performance/Handling

- AdvanceTrac® with RSC® (Roll Stability Control™) (SRW)
- Alternator, Heavy Duty – 157 amps
- Axle
  - Twin I-Beam front axle with coil spring suspension — 4x2 (F-250 and F-350)
  - Monobeam front axle with coil spring suspension — 4x4 (F-250 and F-350)
  - Monobeam wide track front suspension with extended axle (F-450)
- Axle, rear
  - Limited-slip (F-450)
  - Non-limited-slip (F-250 and F-350)
- Battery
  - Diesel engine — 750 CCA, 78-AH, dual
  - Gasoline engine — 650 CCA, 72-AH
- Brakes – power 4-wheel Anti-lock Braking System (ABS)
- Engines
  - 6.2L 2-valve SOHC EFI V8 gasoline (E85-Flex Fuel) (F-250/F-350)
  - 6.7L 4-valve V8 Power Stroke® turbo diesel (F-450) (B20 capable)
- Hill Start Assist (SRW)
- Manual locking hubs (4x4)
- Shock absorbers — dual heavy-duty gas
- Stabilizer bar
  - Front
- Stationary Elevated Idle Control (SEIC)
- Steering – power
- Steering damper
- Tire Pressure Monitoring System (TPMS) — SRW models
- Traction Control, **engine-only** — DRW models
- Transmission — Heavy Duty TorqShift® 6-speed SelectShift Automatic™ with Tow/Haul mode

#### Quality/Reliability/Durability

- Jack
  - 2-ton mechanical (F-250 and F-350 SRW)
  - 4-ton hydraulic (F-350 DRW and F-450)
- Moldings — tailgate and box rail
- Spare tire, wheel, lock and frame-mounted carrier

#### Capability

- Tow hooks – front (2)
- Trailer Hitch Receiver – “Built Ford Tough”
  - 12.5K “Built Ford Tough” (F-250/F-350 SRW models; includes 2" trailer hitch) (N/A diesel with 156", 158" or 172" wheelbase)
  - 14K “Built Ford Tough” (F-250/F-350 SRW diesel with 156", 158" or 172" wheelbase; **includes 2.5" trailer hitch and 2" reducer sleeve**)
  - 15K “Built Ford Tough” (F-350 DRW **gas and diesel except 172" wheelbase**; includes 2.5" trailer hitch **and 2" reducer sleeve**)
  - **17.5K** “Built Ford Tough” (F-350 DRW diesel with 172" wheelbase; F-450; **includes 2.5" trailer hitch and 2" reducer sleeve**)
- Trailer Sway Control
- Trailer Tow Package (F-250/F-350)
  - 7-wire harness with relays and 7/4-pin connector (Note: When Pickup Box Delete and Trailer Brake Controller are ordered together, this item is deleted)
  - 7/4-pin connector, 4.30 limited-slip rear axle ratio and 33,000-lb. Gross Combination Weight Rating (F-450)

#### Flexibility

- **Intelligent 3-blink turn** signal
- 6" angular MIC black running boards (F-350 DRW and F-450 only)
- Airbag deactivation switch – passenger-side (not included on Crew Cab)
- Airbags
  - Frontal, driver and passenger
  - Seat-mounted, side-impact
  - Side air curtains (Safety Canopy® System)
- Air conditioning – manual

- Audio – AM/FM stereo/digital clock and 2 speakers
  - Bumpers – front and rear, black painted
  - Child tethers (Regular Cab front center seat and passenger, SuperCab and Crew Cab all rear seating positions)
  - Coat hooks – LH/RH color-coordinated
  - Dash-top tray
  - Dome lamp – LH/RH door-activated I/P switch operated with delay
  - Door trim – color-coordinated, molded with armrest/grab handle and reflector
  - Doors
    - Two (Regular Cab only)
    - Four (SuperCab and Crew Cab only)
  - Fender vents – front
  - Floor covering – black, full length vinyl
  - Glass – solar tinted
  - Grille – black painted
  - Handles
    - Door and tailgate, black
    - Grab – driver and front passenger
    - Roof ride – front passenger (over rear doors with Crew Cab)
  - Headlamps – dual-beam, **jewel-effect**
  - Headliner – color-coordinated cloth
  - Instrumentation – multifunction switch Message Center with Ice Blue lighting (3-button message control on steering wheel)
  - Instrument panel – color-coordinated with glove box, 4 air registers with positive shutoff, power point, storage bin and trash bag hook
  - Intelligent Oil Life Monitor™ (diesel engine)
  - License plate brackets – front and rear
  - Lights – pickup box and cargo area
  - Map lights – dual (incl. theater-dimming) (front and rear with Crew Cab)
  - Mirror – rearview 11.5" day/night
  - Mirrors – manual telescoping trailer tow mirrors with manual glass
  - Oil life minder (gasoline engine)
  - Outside temperature display
- (continued on next page)

**NOTE:** The above information is an excerpt to be used with pages 3–4 of the **3/15/11** F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to [fmcdealer.com](http://fmcdealer.com).



# F-250/F-350/F-450 Super Duty® Pickups

## Model Lineup

# 2011

ON THIS PAGE

- XL Content cont'd
- XLT Content

### XL cont'd — Standard model

#### Flexibility cont'd

- Overhead console with storage bins and map lights (SuperCab and Crew Cab)
- Pickup box – partition and stackable inserts
- Power point – auxiliary (2)
- Safety belts
  - Belt-Minder® chime and flashing warning light on instrument cluster if driver safety belt is not buckled
  - Manual, color-coordinated with height adjustment (front outboard seating positions only)
- Scuff plates – color-coordinated
- Seats – front, HD vinyl, 40/20/40 split bench with center armrest, cup holder and storage (manual lumbar – driver side), front center seat includes integrated restraint
- SecuriLock® passive anti-theft ignition
- SOS Post-Crash Alert System™
- Steering wheel – black vinyl, with tilt/telescoping steering column
- Stop light – center high-mounted
- Sun visors – color-coordinated vinyl, single driver with pocket, single passenger with mirror insert
- Tailgate – removable with key lock, black handle and Tailgate Assist™
- Tie-down hooks – pickup box (4 with 6.75' box; 6 with 8.0' box)
- Underhood service light
- Wheels
  - F-250/F-350 SRW – 17" argent painted steel with painted hub covers/center ornaments
  - F-350 DRW – 17" argent painted steel (hub covers/center ornaments not included)
  - F-450 – 17" forged aluminum
- Window – rear, fixed
- Windshield wipers – interval control

### XLT — Includes all XL content, plus:

#### Flexibility

- 2nd-row underseat locking storage with power point (Crew Cab only)
- Air conditioning vents – black with chrome ring
- Audio
  - AM/FM stereo/digital clock, single-CD/MP3 player and 4 speakers
  - Auxiliary audio input jack
- Bumper – front and rear chrome
- Cruise control (steering-wheel-mounted)
- Door trim – soft armrest/grab handle, upper and lower map pockets and reflector
- Floor covering – color-coordinated, full carpet
- Floor mats – color-coordinated carpet
- Grille – chrome surround with medium platinum insert
- Mirrors – manual telescoping trailer tow mirrors with power heated glass
- MyKey® owner controls feature
- Power equipment – driver window, door locks and windows with backlit switches and accessory delay
- Remote Keyless Entry and perimeter anti-theft alarm
- Seats – front, high series cloth 40/20/40 split bench, 20 percent center under-seat locking storage with center armrest, cup holder and storage
- Sun visors – color-coordinated vinyl, single driver with covered mirror, single passenger with covered mirror
- Trailer Brake Controller
- Wheels
  - F-250/F-350 SRW – 17" cast aluminum with bright hub covers/center ornaments
- Windows – rear privacy glass

F-250/F-350/F-450  
SD Pickups

**NOTE:** The above information is an excerpt to be used with pages 3–4 of the **1/3/11** F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to [fmcdealer.com](http://fmcdealer.com).

Revised January 2011

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# F-250/F-350/F-450 Super Duty® Pickups

## Model Lineup

- Lariat Content
- King Ranch Content

### Lariat — Includes all XLT content, plus:

#### Performance/Handling

- Electronic Shift-On-the-Fly (ESOF) (4x4 only)

#### Flexibility

- 5" chrome tubular step bar (F-350 DRW/F-450)
- Air conditioning – Dual-zone Electronic Automatic Temperature Control
- Autolock, Auto unlock, Autolamp/Rainlamp
- Door trim – soft armrest/grab handle, Dark Foundry window switch bezel, upper appliqué, upper and lower map pockets and reflector
- Fog lamps
- Handles – door, body color
- Instrumentation – Productivity Screen: driver-configurable enhanced information 4.2" LCD screen display includes menus for Gauge Setup, Trip Computer, Fuel Economy and Towing Off-Road applications and five-button message control on steering wheel
- Mirror – rearview, electrochromic self-dimming
- Mirrors — PowerScope™ trailer tow mirrors

- Power adjustable pedals
- Premium AM/FM stereo with digital clock, single-CD/MP3 player, 8 speakers and subwoofer
- Reverse Sensing System
- Seats
  - Front, premium leather seating surfaces with two-tone (monotone after October 3) leather insert 40/console/40 split bench
  - 10-way power driver and front passenger seats (6-way power adjustable track, 2-way power recline and 2-way power lumbar)
- SecuriCode™ Keyless Entry Keypad
- Sirius® satellite radio
- Steering wheel – color-coordinated leather-wrapped with redundant audio and SYNC® controls
- Sun visors – color-coordinated vinyl, single driver with map strap and covered lighted mirror, single passenger with covered lighted mirror
- SYNC (microphone integrated in headliner)
- Wheels
  - F-250/F-350 SRW – 18" premium cast aluminum wheels with bright hub covers/center ornaments
  - F-350 DRW – 17" premium forged aluminum wheels with bright hub covers/center ornaments
- Window – rear, power sliding with privacy glass

### King Ranch (Crew Cab 4x2/4x4 only) — Includes all Lariat content, plus:

#### Flexibility

- 6" angular lighted, painted running board
- Accent-color front bumper
- Accent-color lower bodyside moldings
- Accent color rear step bumper with step pad
- Accent-color wheelip molding
- Body-color mirror caps on PowerScope mirrors
- Grille painted body-color with chrome insert
- Lower accent two-tone paint
- Memory power adjustable pedals
- Rear View Camera
- Remote start system

- Seats
  - **Easy-entry/easy-exit memory feature**
  - Unique King Ranch Chaparral leather seating surfaces front 40/console/40 with matching 60/40 rear bench
  - Heated/cooled
  - Memory 10-way power adjustable driver seat and power adjustable passenger seat
- Unique accent-color box top/tailgate moldings
- Unique door trim panels with King Ranch Chaparral leather insert and woodgrain appliqué
- Unique front and rear floor mats with King Ranch logo
- Unique King Ranch Chaparral leather-wrapped steering wheel with SYNC controls
- Unique King Ranch fender badges
- Universal garage door opener
- Wheels – unique King Ranch center cap

**NOTE:** The above information is an excerpt to be used with pages 3–4 of the **1/3/11** F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to [fmcdealer.com](http://fmcdealer.com).



# F-250/F-350/F-450 Super Duty® Pickups

## Model Lineup

# 2011

ON THIS PAGE

— Optional Equipment

### Optional Equipment

	XL	XLT	Lariat	King Ranch
<b>Performance/Handling</b>				
6.7L OHV Power Stroke® Diesel V8/TorqShift® 6-spd. auto. (standard on F-450) (B20 capable)	O	O	O	O
Electronic Shift-On-the-Fly — 4x4 (auto-manual locking hubs and rotary control I/P; required with center console)	O	O	S	S
LT245/75R17E BSW A/T (5) — (F-250/F-350 SRW) (7) — (F-350 DRW/F-450)	O	O	O	—
LT245/75R17E OWL A/T (4) (inner and spare BSW A/T) (F-350 DRW/F-450)	—	O	O	—
LT265/70R17E OWL A/T (4) (spare tire — A/T BSW) (F-250/F-350 SRW)	O	O	—	—
LT275/65R18E BSW A/S (5), 4x2 — (F-250/F-350 SRW)	O	O	S	—
LT275/70R18E BSW A/T, 4x4 — (spare is A/T) (F-250/F-350 SRW)	<b>O</b>	O	O	—
LT275/70R18E OWL A/T (4), 4x4 — (spare tire — A/T) (F-250/F-350 SRW)	—	O	O	S
LT275/65R20E OWL A/T — (spare is LT275/70R18E BSW A/T) (F-250/F-350 SRW)	—	O <sup>(2,3)</sup>	O	O
<b>Operator Commanded Regeneration (OCR) (reqs. 6.7L Power Stroke® diesel; NA with XLT Premium Pkg.)</b>	<b>O</b>	<b>O</b>	—	—
<b>Quality/Reliability/Durability</b>				
Dual Alternators (requires 6.7L Power Stroke diesel engine; total of 357 amps)	O	O	O	O
Extra Heavy Duty Alternator (200 amps; requires 6.7L Power Stroke diesel engine; req. with Rapid-Heat Supplemental Heater; requires Upfitter Switches, NA with Dual Alternators, Pickup Box Delete or Snowplow Prep Pkg.)	O	O	O	O
Spare Tire, Wheel and Jack (requires 66D Pickup Box Delete) (F-250/F-350 only)	O	O	—	—
<b>Flexibility</b>				
17" cast aluminum wheel — 5-spoke with bright hub covers/center ornaments (4) (F-250/F-350 SRW) (after November 1)	O	S	—	—
17" forged polished aluminum wheel (4) (req. on XLT with Chrome Pkg.) (F-350 DRW) (standard F-450)	—	O	S	S
18" argent painted steel wheel (4) (F-350 SRW)	O	—	—	—
18" cast aluminum wheel w/bright hub covers/center ornament (F-250/F-350 SRW)	—	O	—	—
20" premium cast aluminum wheel w/bright hub covers/center ornament (4x4 F-250/F-350 SRW only)	—	O <sup>(2,3)</sup>	O <sup>(2,3)</sup>	O
<b>Audio:</b>				
AM/FM Stereo/Single-CD/MP3 player/clock with 4 speakers (optional on F-450 XL only; Fleet-only option on F-250/F-350 XL)	O/P	S	—	—
Sirius® satellite radio (NA w/Radio Delete, Navigation System or AM/FM stereo/clock)	—	O	S	S
Voice-activated Navigation System with HD Radio™, <b>Sirius Traffic™</b> and Sirius Travel Link™ (requires Rear View Camera)	—	—	O/P	O
Bodyside molding (NA w/Pickup Box Delete) (SRW only)	—	O	O	—
Chrome Package	—	O <sup>(2,3)</sup>	O	—
Engine block heater (standard in the following U.S. states: AK, CO, IA, ID, ME, MI, MN, MT, ND, NH, NY, SD, VT, WI and WY)	O	O	O	O
Engine Idle Shutdown (available with 6.7L diesel with automatic transmission; NA with Reverse Sensing System or Navigation System)	O	O	—	—
Floor mats, all-weather (NA w/Carpet Delete) (deletes carpeted mats)	—	O	O	O

(1) Regular Cab. (2) SuperCab only. (3) Crew Cab only.

S = Standard O = Optional F = Fleet Only option P = Package — = Not available

F-250/F-350/F-450  
SD Pickups

**NOTE:** The above information is an excerpt to be used with pages 9–12 of the **1/3/11** F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to **fmcdealer.com**.

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# F-250/F-350/F-450 Super Duty® Pickups Model Lineup

— Optional Equipment cont'd

## Optional Equipment cont'd

	XL	XLT	Lariat	King Ranch
<b>Flexibility cont'd</b>				
Ford Work Solutions™				
In-dash Computer by Magneti Marelli™	O	O	—	—
Crew Chief™ (Telematics) by Microlise™	O	O	O	O
Tool Link™ by DeWALT®	O	O	—	—
Cable Lock by Master Lock™	O	O	O	O
Heated backlight/rear window defrost	—	—	O	O
King Ranch with Chrome Package	—	—	—	O
Lariat Interior Package	—	—	O	—
Lariat Ultimate Package	—	—	O <sup>(3)</sup>	—
Lower accent two-tone paint (includes wheelip moldings)	—	—	O	S
Manual telescoping trailer tow mirrors w/power heated glass and convex spotter mirror, integrated clearance lamps/turn signals (XL requires Power Equipment Group)	P	S	—	—
Pickup Box Delete (8' box only)	O	O	—	—
Power Equipment Group	O	S	S	S
Power Moonroof (incl. map lights and moonroof switches)	—	—	O <sup>(3)</sup> /P	O
PowerScope™ power-telescoping, power-folding trailer tow mirrors w/power heated glass and convex spotter mirror and integrated clearance lamps/turn signals	—	O	S	S
Radio Prep Package (requires In-dash Computer or Tool Link)	<b>O</b>	<b>O</b>	—	—
Rapid-Heat Supplemental Cab Heater (requires 6.7L diesel engine, Extra Heavy Duty Alternator or Dual Alternators and air conditioning)	O	O	O	O
Rear View Camera (XLT requires XLT Interior Package; NA with Pickup Box Delete)	F	O	O/P	S
Remote start system (requires Power Equipment Group; NA with Air Conditioning Delete)	O	O	P	S
Reverse Sensing System (NA w/Pickup Box Delete or Engine Idle Shutdown)	F	O	S	S
Roof Clearance Lights (standard on F-350 DRW and F-450)	S/O	S/O	S/O	S/O
Running board — 6" angular molded-in-color black (standard on F-350 DRW/F-450)	S/O	S/O	—	—
Seats:				
Cloth 40/20/40 Split Bench	O	—	—	—
Vinyl 40/Console/40	O <sup>(1)</sup>	—	—	—
Cloth 40/Console/40	O	—	—	—
Luxury Cloth 40/Console/40 (with 6-way power driver)	—	O <sup>(2,3)</sup>	—	—
Leather 40/20/40 Split Bench	—	—	O	—
Sliding rear window — manual, privacy glass	F	O <sup>(1)</sup>	—	—
Sliding rear window — power, privacy glass (includes illuminated driver and passenger sun visor mirrors)	—	O <sup>(2,3)</sup>	S	S

(1) Regular Cab. (2) SuperCab only. (3) Crew Cab only.

S = Standard O = Optional F = Fleet Only option P = Package — = Not available

**NOTE:** The above information is an excerpt to be used with pages 9–12 of the **1/3/11** F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to [fmcdealer.com](http://fmcdealer.com).

# F-250/F-350/F-450 Super Duty® Pickups

## Model Lineup

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— Optional Equipment cont'd

### Optional Equipment cont'd

	XL	XLT	Lariat	King Ranch
<b>Flexibility cont'd</b>				
Steering wheel audio controls	O	O	—	—
Step bar — 5" chrome tubular (Std. on F-350 DRW/F-450 Lariat)	—	O <sup>(2,3)</sup>	S/O	O
Stowable Bed Extender (NA with DRW)	—	O	O	O
SYNC® (requires steering-wheel audio controls, XL Value Pkg. on XL and XLT Interior Package on XLT)	O	O	S	S
Tailgate Step (incl. Tailgate Assist™, step and handle)	O	O	O	O
ToughBed® (spray-in bedliner; incl. tailgate guard and black bed attachment bolts; NA with Pickup Box Delete)	O	O	O	O
Universal garage door opener	—	—	O	S
Upfitter Switches (4) — Located on I/P (6.7L diesel requires Extra Heavy Duty or Dual Alternator)	O	O	O	O
XL Value Package	O	—	—	—
XLT Appearance Package ( <b>SRW only</b> )	—	O	—	—
XLT Interior Package	—	O	—	—
XLT Premium Package	—	O	—	—
<b>Capability</b>				
10,000-lb. GVWR Package (F-350 SRW only)	O	O	O	O
5th-wheel/Gooseneck Hitch Prep Package (8' box only until November 1, both 6.75' and 8' boxes after November 1); NA with Stowable Bed Extender) (incl. 7-pin connector in box)	O	O	O	O
Camper Package	O	O	O	O
FX4 Off-Road Package (4x4 only)	O	O	O	O
Heavy Service Package for Pickup Box Delete (requires Pickup Box Delete)	O	O	—	—
Heavy Service Front Suspension Package	O	O	O	O
Snowplow Prep Package	O	O	O	O
Trailer Brake Controller (verified to be compatible w/electrically actuated drum brakes and certain Electric-Over-Hydraulic (EOH) actuated drum or disk brake systems; deletes Trailer Brake Wiring Kit included w/Std. Trailer Tow Pkg. on pickups; deletes Trailer Tow Pkg. w/Pickup Box Delete) (standard on DRW)	S/O	S	S	S
Transmission Power Takeoff Provision (requires 6.7L Power Stroke® diesel engine; includes transmission-mounted live drive and stationary mode PTO)	O	O	O	O
<b>LPO/Fleet Options</b>				
Adjustable pedals	—	F/P	S	—
Air Conditioning Delete	F	—	—	—
Carpet Delete	S	F	—	—
Cruise control	F	—	—	—
Daytime Running Lamps	F	F	F	F
Frontal passenger and side airbags/curtains Delete (must put in Delete column in CONCEPS; valid with Fleet FIN code)	F	—	—	—
Mirrors — black, manual foldaway side mirrors (deletes manual telescoping trailer tow mirrors with manual glass)	F	—	—	—
AM/FM stereo/single-CD/MP3 player with 4 speakers (optional on XL F-450 only; Fleet only on XL F-250/F-350)	O/F	—	—	—
Radio Delete	F	—	—	—
Rear View Camera (incl. electrochromic mirror with video; XLT requires XLT Convenience Pkg.; NA with Pickup Box delete)	F	O	O/P	S
Side airbags/curtains Delete (must put in Delete column in CONCEPS; valid with Fleet FIN code)	F	—	—	—
Skid Plates — transfer case and fuel tank (4x4 only)	F	F	F	F
Spare Tire Delete (also deletes jack and frame-mounted carrier)	F	—	—	—
XL Décor Package	F	—	—	—

(1) Regular Cab only. (2) SuperCab only. (3) Crew Cab only.

S = Standard O = Optional F = Fleet Only option P = Package — = Not available

F-250/F-350/F-450  
SD Pickups

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# F-250/F-350/F-450 Super Duty® Pickups

## Vocational Segmentation

- The Super Duty® Customer
- Retail Owner/Operator
- Contractor/Tradesman
- Stake/Platform
- Service/Utility

### The Super Duty® Customer

#### Commercial

These buyers need trucks that are able to do a specific job. Their reasons for buying may be just as specific, for example:

- A functional and dependable vehicle
- Low operating cost
- High power and torque requirements

Commercial customers are expected to make up about 20 percent of the Super Duty market. Super Duty Pickups offer these buyers a variety of weight classes, heavy-duty suspensions, powerful powertrains and a number of heavy-duty options.

#### Small Business

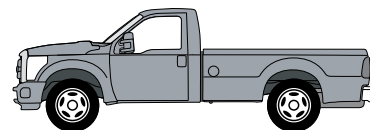
This category includes single-vehicle owners/operators or those with fewer than five vehicles. Many of these buyers are “mixed use” operators, meaning that they use their vehicles for both business and personal purposes. Small-business customers are expected to account for about 30 percent of the Super Duty market. Because their work trucks may also double as family vehicles, these buyers may be especially interested in comfort and convenience features.

#### Heavy-duty Recreational

These customers want a truck with enhanced towing capabilities for a large travel trailer, multi-horse trailer or heavy boat. They’re also looking for trucks that can be used as campers. These buyers are expected to make up about 50 percent of the Super Duty market. Because of their special requirements for towing, off-road use or extra passengers, these buyers may be especially interested in four-wheel drive, dual-rear-wheel models or the 4-door SuperCab or Crew Cab.

#### Personal

##### Retail Owner/Operator



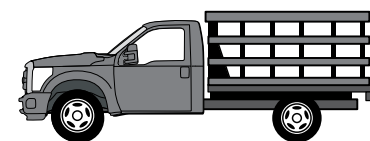
#### Commercial

##### Contractor/ Tradesman



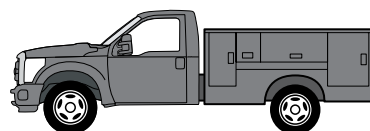
### F-250/F-350/ F-450 Super Duty Pickups

##### Stake/Platform



#### Box Delete

##### Service/Utility



# F-250/F-350/F-450 Super Duty® Pickups

## Vocational Segmentation

# 2011

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- Commercial Account Programs
- Business Preferred Network (BPN)
- FordParts.com

### Commercial Account Programs

For commercial customers, buying an F-250/F-350/F-450 Super Duty Pickup is a big investment. The Ford Motor Company New Vehicle Limited Warranty and optional Ford Motor Company Extended Service Plans will help protect the value of their investment and reinforce their purchase decision.

- Commercial customers choosing an F-Series Super Duty Pickup have access to qualified service technicians available beyond the standard 9-to-5 business day

#### Ford Motor Company Business Preferred Network (BPN)

- Participating BPN dealerships are supported by a dedicated training curriculum for sales, parts and service, and finance roles
- Programs supporting BPN include Quality Fleet Care, Commercial Service Plus, National Fleet Parts Pricing, Ford Extended Service and Maintenance Plans for fleets, and more
- For more information, visit [bpn.dealerconnection.com](http://bpn.dealerconnection.com) or call **888-276-4088**

#### FordParts.com

- Provides parts support 24/7
- Features national "Rapid Referral" and FedEx shipping
- For more information, visit **FMCDealer.com**
  - Click on the *Parts & Service* tab under *Parts Wholesaling*

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

- Performance/Handling Key Messages
- Powertrain Combinations
- 6.2L 2V SOHC V8

### Key Messages

- Customers demand performance and the new Super Duty® is a solid investment for their commercial, small business and heavy-duty recreational needs
- The new 6.7L Power Stroke® V8 turbo diesel engine with B20 biodiesel capability is Ford-designed, Ford-engineered, Ford-built and Ford-tested to deliver improved horsepower and torque with greater fuel efficiency when compared to the 6.4L diesel in 2010 comparable vehicle configurations
- The **new** 6.2L V8 gasoline engine is Flex Fuel (E85) capable and also Ford-designed, Ford-engineered, Ford-built and Ford-tested to deliver improved horsepower and torque with greater fuel efficiency when compared to the 5.4L gasoline V8 in 2010 comparable vehicle configurations
- Heavy-Duty TorqShift® 6-speed SelectShift Automatic™ transmission with **Manual Mode**, Tow/Haul Mode and Progressive Range Select
- Live Drive Power Takeoff (PTO) allows upfitters to provide power accessories in mobile or stationary vehicle modes

### Powertrain Combinations

Engine/Transmission	Horsepower (SAE net @ rpm)	Torque (lb.-ft. @ rpm)
6.2L 2V SOHC V8/(E85/Flex Fuel) Heavy Duty TorqShift 6-speed SelectShift Automatic with Tow/Haul mode	385 @ 5500 <sup>(1)</sup> 316 @ 4179 <sup>(2)</sup>	405 @ 4500 <sup>(1)</sup> 397 @ 4179 <sup>(2)</sup>
6.7L Power Stroke V8 turbo diesel/(B20 capable) Heavy Duty TorqShift 6-speed SelectShift Automatic with Tow/Haul mode	400 @ 2800	800 @ 1600

(1) Under 10K GVWR.

(2) Over 10K GVWR.

### Gasoline Engine

#### 6.2L 2V SOHC V8

- New with improved horsepower and torque compared to 2010 5.4L V8
- Flexible Fuel (E85) capability
- Large-bore architecture
  - Helps improve engine breathing with larger intake and exhaust valves
  - Allows for a shorter stroke design for faster engine speeds (higher engine rpm) and increased horsepower
- Single overhead cam (SOHC) valvetrain with roller-rocker shafts allow for optimized camshaft design to help provide low-speed torque delivery
- SOHC valvetrain optimizes intake and exhaust port layout and helps improve engine breathing
- Dual-equal variable cam timing optimizes the opening and closing of the intake and exhaust valves during the combustion cycle for a balance of power, fuel efficiency and emissions
- Two spark plugs per cylinder help:
  - Efficiently burn the air/fuel mixture in each cylinder to help increase torque delivery and fuel efficiency
  - Maintain a smooth idle quality
- Dual knock sensors
  - Allow the spark timing of each cylinder to be optimized in real time throughout the engine speed range
- Efficient engine crankcase breathing helps improve torque capability at higher engine speeds
- Piston cooling jets
  - Squirt oil on the underside of each piston to help lower the operating temperature of the pistons, especially under heavy-duty operating conditions
- New Organic Acid Technology (OAT) orange engine coolant
- Electronic Throttle Control
- Oil life minder



# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

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**ON THIS PAGE**

- Flexible Fuel (E85) Capability
- Oil Life Minder
- Organic Acid Technology Engine Coolant

### Gasoline Engine cont'd

#### **MAKE THE POINT:** **Flexible Fuel (E85) Capability**

The 6.2L V8 offers Flexible Fuel (E85) capability. This allows the engine to operate on E85 fuel — a blend of 85 percent ethanol fuel and 15 percent unleaded gasoline. The 6.2L V8 can run on E85 fuel, regular unleaded gasoline or any combination of the two. It's important to note that while operating on E85, the 6.2L V8 will also deliver measurably less fuel economy. This is normal, since E85 has less energy as a fuel, it takes more E85 to make the same power as unleaded gasoline.

#### **Why it's important**

The primary benefits of E85 fuel are that it's made from renewable resources to help lower our dependence on imported oil and lower greenhouse gas emissions.

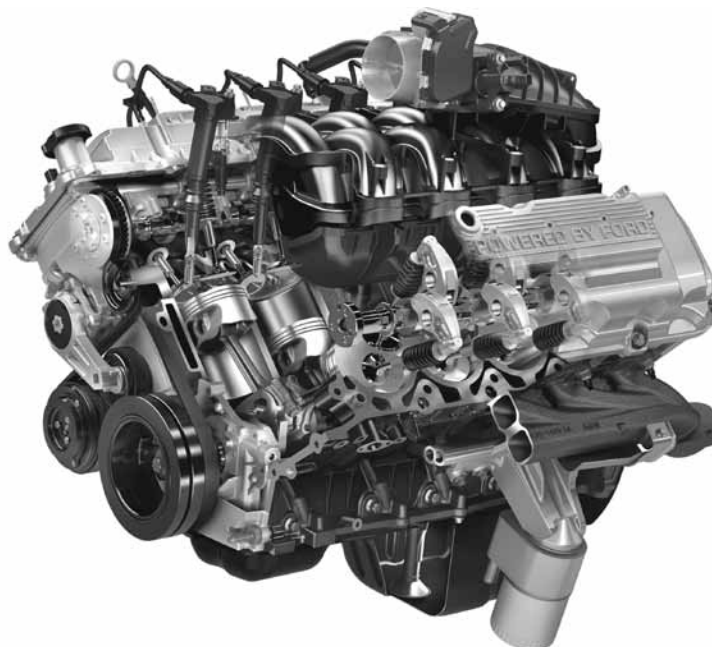
#### **Oil Life Minder**

- Displays the remaining oil life in the instrument cluster Message Center
- An oil change is required whenever indicated by the Message Center and according to the recommended maintenance schedule
- Refer customers to the Maintenance Schedule in the Owner's Guide for additional information

#### **MAKE THE POINT:** **Organic Acid Technology Engine Coolant**

Customers should know all 2011 Super Duty Pickups (gasoline engine and diesel engine equipped) feature new Organic Acid Technology (OAT) engine coolant. The most obvious trait of the new engine coolant is the orange color, but there are key maintenance items the customer should be made aware of:

- OAT coolant should be replenished at 105,000 miles, under normal operating conditions
- Antifreeze and anti-corrosion protection of the coolant and hoses should be inspected every 15,000 miles
- Mixing any other traditional engine coolants will greatly reduce the operating characteristics of the OAT engine coolant or may cause engine damage which could jeopardize provisions of the engine warranty



**F-250/F-350/F-450  
SD Pickups**

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

### Diesel Engine

#### 6.7L Power Stroke® V8 Turbo Diesel

##### • **New to Super Duty Pickups for 2011**

- The cleanest Power Stroke diesel engine ever
- Ford-engineered, Ford-tested and Ford-built
- Improved horsepower and torque compared to the 2010 6.4L diesel
- Biodiesel capability up to B20
  - Designed to handle a mixture of up to 20 percent biodiesel by volume and 80 percent petroleum diesel fuel
  - Biodiesel of ASTM D7467 Grade S15 (15 ppm sulfur maximum) should be used
- Compacted graphite iron (CGI) deep-skirt engine block and aluminum cylinder heads help reduce weight while maintaining maximum strength for the horsepower and torque capacity of the Power Stroke V8
  - First North American use of CGI in a Super Duty-class vehicle
  - CGI is stronger than traditional cast iron
- Aluminum cylinder heads
  - Help reduce weight
  - Feature dual water jackets for optimal cooling and increased strength
  - Six-head-bolt design helps improve sealing and maintain cylinder integrity
- Unique inboard exhaust design
  - An automotive industry first for a modern production diesel engine
  - Helps reduce exhaust system volume and heat transfer to the engine compartment
  - Helps improve throttle response
  - Helps improve NVH (Noise, Vibration and Harshness) characteristics
- Single-sequential turbocharger
  - Includes an industry-first double-sided compressor wheel mounted on a single shaft
  - Combines the advantages of a twin-turbocharged system (fast throttle response) and a large turbocharged system (ability to compress and force air into the engine for more power) into one unit
  - Provides up to 30 psi of boost
  - Features a center-mounted pedestal design at the rear of the engine to help improve NVH characteristics and access for service
- High-pressure common-rail fuel injection
  - Utilizes piezo injector technology to deliver fuel at 30,000 psi
  - Delivers up to 5 fuel injections per combustion cycle for optimum throttle response, fuel efficiency and NVH characteristics
  - Delivers quiet operation throughout the entire rpm range (similar to gasoline-engine noise levels)
  - Helps the Power Stroke V8 meet the stringent 2010 diesel emissions standards
- Instant-start glow plugs help provide quick engine starts, even in the extremely cold conditions
- Structural oil pan bolts to the engine block and transmission to help improve powertrain stiffness
- New Organic Acid Technology (OAT) orange engine coolant
- Intelligent Oil Life Monitor™

#### MAKE THE POINT: Power Stroke Turbocharging Basics

##### **Turbocharger**

A turbocharger (or turbo for short) uses the engine's exhaust gases to spin a turbine, which in turn drives a compressor to force more air into the engine. Increasing the airflow allows more power to be generated. A turbo consumes very little power under light loads or easy engine use and allows smaller engines to generate the power of a larger displacement. When extra power is needed, the turbo spins into action.

##### **Turbo Lag**

This is the time it takes for the turbocharger to spin after the driver steps on the accelerator. This delay can be caused by the turbo having to wait for the exhaust gas to spin the turbine and drive the compressor. Another factor in lag is the size of the turbo. Bigger turbos make more power, but take longer to respond. In the past, the typical solution was to use two smaller turbos for faster response. However, this approach added the cost and complexity of two turbos, and generated twice the heat.

##### **The Innovative Power Stroke Approach**

The all-new 6.7L Power Stroke debuts a new single-sequential turbocharger design. Instead of two separate turbos, Power Stroke's single-sequential turbo places two compressors back-to-back on a common shaft in a single housing.

##### **The Power Stroke Benefit**

This design allows the system to have a response time similar to a twin-turbo package, while reducing cost, weight, complexity and underhood heat.

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

# 2011

**ON THIS PAGE**

- Engine Idle Shutdown
- Engine Idle Shutdown Operation
- Engine Cooling
- Organic Acid Technology Engine Coolant
- Intelligent Oil Life Monitor™

## Diesel Engine cont'd

### Engine Idle Shutdown (63T)

- Engine Idle Shutdown is optional on 6.7L Power Stroke® turbo diesel engines but is not required since the 6.7L engine meets all California emissions states emissions requirements. Some customers may still want this option to take advantage of any associated fuel efficiency or maintenance benefits.
- Not available with:
  - Lariat model
  - Reverse Sensing System
  - Navigation System

### Engine Idle Shutdown Operation

- After a predetermined period, the engine Powertrain Control Module automatically shuts down the engine and triggers the accessory module to shut down power to the accessories to minimize battery drain
- Primarily helps reduce diesel fuel consumption and diesel exhaust emissions
- Also helps improve overall fuel economy and reduce operating and maintenance costs
  - A diesel engine idling for an hour uses as much fuel as if the vehicle had been driven 7 miles, on average
  - And when it comes to maintenance, that same engine idling for an hour causes as much wear as if the vehicle had been driven 25 miles
- Improved overall fuel economy and reduced maintenance costs are just a couple of benefits Engine Idle Shutdown offers — even if not required by government regulation

### Engine Cooling

- Large radiator allows the Power Stroke engine to endure extremes of hard use
- Large water pump with 125 gallons per minute flow rate keeps engine coolant circulating

### Organic Acid Technology (OAT) Engine Coolant

- The most obvious trait of the new engine coolant is the orange color
- There are key maintenance items the customer should be made aware of:
  - OAT engine coolant should be replaced at 105,000 miles, under normal operating conditions
  - Antifreeze and anti-corrosion protection of the coolant and hoses should be inspected every 15,000 miles
  - Mixing any other traditional engine coolants will greatly reduce the operating characteristics of the OAT engine coolant or may cause engine damage which could jeopardize provisions of the engine warranty

### Intelligent Oil Life Monitor™

- 6.7L-equipped vehicles incorporate an advanced Intelligent Oil Life Monitor that calculates engine oil service intervals based on vehicle use as well as a number of other vehicle operating parameters
- As an oil service interval nears, the instrument panel Message Center will display a ENGINE OIL CHANGE SOON warning
- When an oil service is required, the instrument panel Message Center will display OIL CHANGE REQUIRED
- Refer customers to the Diesel Owner Guide Supplement for more information
- Failure to perform scheduled maintenance as specified in the Scheduled Maintenance Guide may invalidate warranty coverage on parts affected by the lack of maintenance

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

- Diesel Engine Emissions Overview
- Power Stroke Emissions Strategy
- Exhaust Gas Recirculation (EGR)
- Diesel Oxidation Catalyst (DOC)
- Selective Catalytic Reduction (SCR)

### Diesel Engine Emissions

#### Overview

- The combustion system is the heart of the all-new 6.7L Power Stroke® V8 turbo diesel engine and reflects how Ford engineers achieved a balance of power, fuel efficiency and reduced emissions
- The key factor to the more-stringent 2010 federal emissions standards is over 80 percent reduction in the emission of nitrogen oxides (NOx)
- To help reduce NOx levels, the all-new Power Stroke burns cleaner in large part because of the new Exhaust Gas Recirculation (EGR) system
- In addition, there is a three-step aftertreatment system utilizing a Diesel Oxidation Catalyst (DOC), Selective Catalytic Reduction (SCR) using Diesel Exhaust Fluid (DEF) and Diesel Particulate Filter (DPF) as the key components
- This system works in harmony to reduce the NOx levels within the new federal standards — making the 6.7L Power Stroke the “cleanest” Ford Power Stroke diesel engine ever

#### Power Stroke Emissions Strategy

- Allows the engine to operate with a leaner fuel mixture than previous Power Stroke engines
- A leaner fuel mixture has less fuel and more air
- Leaner burning engines produce less particulate emissions
- Less particulate emissions result in less frequent DPF regeneration
- Less frequent regeneration helps improve overall engine fuel efficiency

#### Exhaust Gas Recirculation (EGR)

- Recycles combustion gases in the exhaust system as the first defense against NOx
- A two-step cooling process allows the EGR to recycle exhaust gases into the intake at a much lower temperature
- A cooler temperature means a higher efficiency in recycling the exhaust gases and less oxygen in the mix
- Less oxygen helps reduce the formation of NOx in the exhaust

#### Diesel Oxidation Catalyst (DOC)

- The first step in the exhaust aftertreatment process and could be referred to as the cleaning and heating step
- Converts and oxidizes hydrocarbons into water and carbon dioxide
- Provides and promotes heat into the exhaust system to help increase the conversion efficiency

#### Selective Catalytic Reduction (SCR)

- The second step in the exhaust aftertreatment process, primarily where NOx is removed from the exhaust stream
- Located between the DOC and the DPF in the exhaust system
- Uses a liquid chemical reactant, Diesel Exhaust Fluid (DEF)
- DEF Dosing Module sprays a fine mist of DEF into the exhaust stream to react with the NOx in the exhaust as it passes through the SCR Catalyst
  - When heated, DEF splits into ammonia and carbon dioxide
- These molecules are atomized and vaporized and evenly distributed into the exhaust flow
- Once the DEF solution is combined with the exhaust flow, chemical reactions convert the ammonia and NOx into water and harmless nitrogen

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

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- SCR Competitive Advantages
- Absorber vs. Adsorber

### Diesel Engine Emissions cont'd

#### MAKE THE POINT: SCR Competitive Advantages

The Selective Catalytic Reduction (SCR) has strong advantages over the competitive lean NOx trap system, similar to what a customer would find in a Dodge Ram Pickup truck.

##### Lean NOx Trap

- Diesel engines normally operate with an excess ratio of air-to-fuel (also known as “lean” operation)
- A Lean NOx Trap (also known as a NOx Adsorber Catalyst) chemically traps the NOx in the exhaust on the surface of the catalyst during lean engine operation
- As the surface of the trap becomes full, the system triggers the engine to run rich (increases the fuel-to-air ratio) to clean the trap

##### SCR Advantages

- Designed for greater fuel efficiency compared to Lean NOx Trap
- Lean NOx Trap systems constantly cycle between a lean and a rich fuel mix, which consumes more fuel than an SCR system
- Lean NOx Traps also trap the sulfur in diesel fuel and can become clogged, requiring a higher temperature regeneration to remove the sulfur from the trap
- It's expected that in the future all OEMs will rely on this technology

#### ENGINEERING INSIGHT

##### Absorber vs. Adsorber

##### What's an Absorber?

We're all familiar with something that absorbs: a sponge. A sponge soaks up (absorbs) a liquid from the outside and stores the liquid internally until full. Once the sponge is full, it stops absorbing and can only take on additional liquid if drained (squeezed).

##### What's an Adsorber?

An adsorber, on the other hand, attracts and holds particles on an outer surface – similar to a pleated filter on a vacuum cleaner, a furnace filter or charcoal granules in a vapor canister.

F-250/F-350/F-450  
SD Pickups

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

### Diesel Engine Emissions cont'd

#### Diesel Exhaust Fluid (DEF)

- A solution comprised of 32.5 percent high-purity urea and 67.5 percent demineralized water
- The urea in the solution breaks down into ammonia when injected into the exhaust stream
- DEF is clear, nontoxic and safe to handle
- Stored in a 5-gallon reservoir tank located near the fuel tank
  - DEF tank, supply module and supply line are heated to help prevent the freezing of DEF and keep it in a liquid state
  - DEF tank includes temperature and fluid level sensors
- DEF tank fill is located next to the diesel fuel filler
- DEF is widely available in 1- and 2.5-gallon bottles

#### ENGINEERING INSIGHT

##### Diesel Exhaust Fluid (DEF)

##### Storage of DEF

- DEF is over 60 percent water, which means the fluid is temperature sensitive
- DEF has a freezing point of 12 degrees F (-11 degrees C) and should not be stored at or below this temperature
- Storing DEF at temperatures higher than 86 degrees F (30 degrees C) can reduce shelf life
- The urea in DEF starts to decompose (breaks down) into ammonia at temperatures above 122 degrees F (50 degrees C), so care should be taken using DEF in hot environments

##### Operational Characteristics of DEF

- DEF expands when it freezes; however, DEF tanks and packaging are designed to allow for expansion of the fluid
- The SCR system allows the vehicle to start without urea flowing (DEF frozen)
- After the vehicle is started, the heated reservoir, supply module and supply line will cause the fluid to thaw and resume flow through the system

##### DEF Maintenance

- DEF must be replenished in order to maintain operation of the vehicle
- Failure to refill the DEF tank will result in reduced engine speeds as the tank approaches empty and eventually forced engine idle when the tank is depleted
- The system includes a number of audible warnings and cluster messages beginning at approximately 800 miles before the tank is empty to notify the driver of the current DEF tank status
- Under normal operation, the DEF should only require filling concurrent with the recommended oil change intervals
- DEF refill may be required by the operator under some conditions, depending on duty cycle and operator behavior
  - Motorcraft® DEF is widely available in 1- and 2.5-gallon bottles for customer use
  - Ford recommends using only API-certified DEF



# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

# 2011

ON THIS PAGE

- Diesel Particulate Filter (DPF)
- Operator Commanded Regeneration (OCR)

### Diesel Engine Emissions cont'd

#### Diesel Particulate Filter (DPF)

- The last step in the exhaust aftertreatment process and designed to scrub any remaining soot from the exhaust
  - Soot can be described as the black smoke seen in diesel exhaust
- Located in the exhaust system, after the SCR
- Periodically cleans itself through a process known as “regeneration” which is similar to a small incinerator burning off trapped particulates
  - Passive regeneration naturally burns off soot when exhaust temperatures are high enough
  - Active regeneration (forced burn-off) occurs as needed, depending on operational use

**NOTE:** For more specific information about the regeneration process, please refer to the Maintenance and Specifications section of the vehicle Diesel Supplement.

#### Operator Commanded Regeneration (OCR; 98R)

- **Extra-cost feature available only on XL and XLT with base instrument cluster (requires 6.7L Power Stroke diesel engine)**
- **OCR allows customer to actuate a manual Diesel Particulate Filter (DPF) regeneration with the vehicle at idle**
- **OCR is a very specialized option requiring the customer have full knowledge of proper use and actuation — it's highly recommended the dealer and the customer review pages 56–58 of the most recent Super Duty Diesel Supplement for more information**
- **OCR is not recommended for general customer use, includes a \$250 MSRP and is intended for unique applications where the vehicle is rarely, if at all, driven above 15–20 mph and/or experiences extended idle periods**
  - **Vocations where the above can occur are oil refineries, underground mining, line repair and tree trimming**
  - **Customers within these vocations may find it beneficial to have the option of a manual DPF regeneration during a work cycle**

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

# 2011

ON THIS PAGE

- Ultra Low Sulfur Diesel (ULSD) Fuel
- Diesel Engine Oil Requirement
- Maintenance
- Maintenance Intervals

## Diesel Engine Maintenance

### Ultra Low Sulfur Diesel (ULSD) Fuel

- ULSD fuel MUST be used in the 6.7L Power Stroke® diesel engine to allow the emissions control system, including the Diesel Particulate Filter (DPF), to operate properly
- ULSD fuel may be used in pre-2007 diesel engines
- Sulfur level reduced by 97 percent compared to conventional diesel from maximum of 500 parts per million (ppm) to 15 ppm

### Diesel Engine Oil Requirement

- Oil that meets American Petroleum Institute (API) service category
- CJ-4 is required for the 6.7L Power Stroke diesel engine to operate properly
- CJ-4 service standard oil must be used to keep the engine warranty in effect
- CJ-4 oil may be used in pre-2007 engines

### Maintenance

- It is recommended using biodiesel fuel that is no greater than 20 percent (B20) to ensure optimum fuel economy. Customers should follow the Special Service maintenance schedule if using ASTM D7467 Grade S15 biodiesel fuel
- The fuel-water separator should be drained monthly to avoid possible water in the fuel injectors
- Engine block heater should be used at temperatures below -10 degrees Fahrenheit (-23 degrees Celsius) to ensure proper engine lubrication on start-up
- CJ-4 service standard oil must be used when the engine oil is serviced
- Vehicles equipped with the 6.7L Power Stroke V8 turbo diesel engine come equipped with an Intelligent Oil Life Minder in the instrument cluster Message Center that calculates the proper engine oil change service interval based on vehicle use. When an oil change service is needed, the Message Center will display either ENGINE OIL CHANGE SOON or OIL CHANGE REQUIRED
- Refer customers to the Diesel Engine Supplement in the Owner's Guide package for more information

### Maintenance Intervals

Vehicle Service	Normal Service	Special Service <sup>(1)</sup>
Oil and Oil Filter	Change as indicated in the Message Center	Change as indicated in the Message Center
Fuel Filter Replacement <sup>(2)</sup>	22,500 miles or as indicated in the Message Center, whichever comes first	15,000 miles or 600 hours, or as indicated in the Message Center, whichever comes first

(1) Operating conditions such as extended towing, long engine idle times, extended low-speed driving and off-road or dusty conditions.

(2) Change BOTH filters: mounted on top of the engine and inside the Horizontal Fuel Conditioning Module on the frame rail.

F-250/F-350/F-450  
SD Pickups

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

- HD TorqShift® 6-speed SelectShift Automatic™
- Manual Mode
- Progressive Range Select
- Tow/Haul Mode
- Live Drive Power Takeoff (PTO) Provision
- Stationary Elevated Idle Control (SEIC)

### Heavy Duty TorqShift® 6-speed SelectShift Automatic™

#### Key Features

- Standard on all models
- Engineered for greater internal operating efficiency and to deliver increased fuel efficiency compared to the 5-speed TorqShift automatic transmission
- Torque converter design maximizes low-speed torque output
- Robust gear sets and a three-plate two-stage torque converter help reduce turbine noise when the converter is locked
- Large fluid pump provides superior lubrication and cooling
- High-capacity fluid filter helps extend the fluid change interval to 150,000 miles
- Pure electronic shift controls work with the Electronic Throttle Control of the engine to optimize shifts and vehicle performance and responsiveness
- Transmission can be equipped with power takeoff (PTO) port — must specify order code 62R

#### Manual Mode

- With the gearshift lever in M (Manual), the transmission offers SelectShift capability
- Driver shifts manually with a gearshift lever-mounted switches
  - Pressing the + button will upshift the transmission
  - Pressing the – button will downshift the transmission
- Sequential gear engagement does not require operating a clutch

#### Progressive Range Select

- Range Select mode is engaged by pressing +/- rocker switch on the gearshift lever
- Allows driver to reduce the range of available transmission gears while operating in Drive mode to limit the number of gears available for road and load conditions
- Message Center displays current transmission gear as well as the gears the transmission is available to shift into

#### Tow/Haul Mode

- Tow/Haul mode with Integrated **Engine** Exhaust Brake (6.7L diesel only) gives drivers even greater control when traveling downhill
  - Helps reduce the use of brakes and transmission, lengthening service intervals and minimizing maintenance costs
- Helps eliminate unwanted frequency of gear shifting on steep uphill grades and allows engine braking to maintain or reduce vehicle speed and assist the driver in controlling the vehicle when descending a steep grade

#### Live Drive Power Takeoff (PTO) Provision

- Available on 6.7L Power Stroke® V8 turbo diesel equipped vehicles only, option code 62R must be ordered to get a PTO gear and port
- Features an output linked directly to the engine crankshaft providing “live” PTO operation anytime the engine is running, regardless of vehicle speed
- Provides the capability to power PTO-driven accessories such as, dump bodies, sprayer pumps, generators, salt spreaders and snowplows with maximum flexibility
- Optional upfitter switches may be used as PTO control switch(es)

#### Stationary Elevated Idle Control (SEIC)

- Acts as the “throttle kicker,” when increased engine speed is needed
- Consists of strategy embedded in the powertrain control module (PCM) and a set of blunt-cut wires to command it
- Selling dealer will need to obtain a PTO controller or switch from the aftermarket
- “Upfitter Switches” (66S) may have one switch dedicated for PTO usage
- Engine speeds
  - 900 to 3000 rpm (6.7L diesel engine)
- Automatically locks the torque converter, sending power to the PTO gear when the operator turns on the PTO switch
- Instructions to upfitters for completing the SEIC/PTO circuitry can be found in the Truck Body Builders Layout Book at [fleet.ford.com/truckbbas](http://fleet.ford.com/truckbbas)

**NOTE:** See the latest Dealer Ordering Guide for availability and model restrictions.

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

# 2011

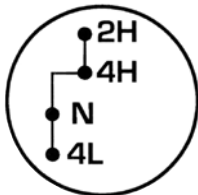
ON THIS PAGE

- Manual Shift-On-Stop w/Manual-locking Hubs
- Electronic Shift-On-the-Fly

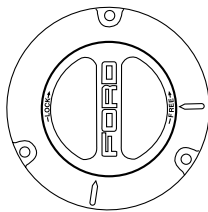
### 4x4 Systems

#### Manual Shift-On-Stop (MSOS) with Manual-locking Hubs

- Simple, reliable design that is highly regarded by serious off-roaders and those working at off-road job sites
- To engage the front axle, the operator must stop, exit the vehicle and rotate both hublock selector knobs to the LOCK position, then the desired drive range is selected on the transfer case
- Floor-mounted transfer case shift lever is used to move between available drive settings: 2H (2WD), 4H (4x4 High), N (Neutral) and 4L (4x4 Low)
- When the hublocks are returned to the FREE position, the drive axle components do not rotate while driving, which reduces wear and frictional drag



Super Duty®  
4x4 Manual  
Shift Pattern



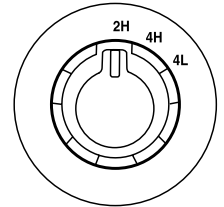
Super Duty  
Manual-locking  
Front Hub

**NOTE:** The vehicle should not be operated in 4H or 4L with the manual-locking hubs set in the FREE position as this could result in damage to certain driveline components. Operate the vehicle in 4H or 4L only with manual-locking hubs set in the LOCK position.

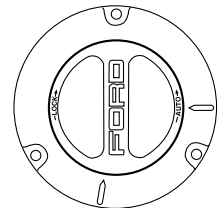
#### Electronic Shift-On-the-Fly (ESOF)

- Easy-to-use rotary control switch mounted in the instrument panel used to select drive settings, eliminating the need to stop and back up to unlock the front hubs
- Electric motor shifts the transfer case into selected drive setting
- Front hublock selectors are marked with AUTO and LOCK. Manual override capability lets the driver manually LOCK hubs if preferred, but the Continuous Vacuum Hublock (CVH) design engages the front hubs, providing virtually silent operation
- CVH system optimizes fuel efficiency because all front driveline components are disconnected at the wheels when the system is in 2WD operation

**NOTE:** Both of these 4x4 systems are "part-time" systems designed to provide enhanced traction on reduced traction surfaces only. Operating on normal or high-traction surfaces can result in transfer case damage, increased tire wear and decreased fuel efficiency.



Dash-mounted  
Rotary Switch



Super Duty  
Automatic-locking  
Front Hub with  
Manual Override

F-250/F-350/F-450  
SD Pickups

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

- Proven I-Beam Front Suspension
- Robust Twin-coil Monobeam Front Axle/Susp.
- Wide-track Front Suspension
- Leaf-spring Rear Suspension
- Revised Steering Geometry
- Brakes

### Chassis

#### Proven I-Beam Front Suspension

- Used on all F-250/F-350 4x2 Super Duty® Pickups
- Twin I-Beam design combines the strength of a solid I-Beam suspension with the flexibility and comfort of a fully independent suspension
- Coil springs provide a smoother ride than leaf springs without sacrificing load-carrying capacity
- Front stabilizer bars included for improved ride and handling

#### Robust Twin-coil Monobeam Front Axle/Suspension

- Used on all F-250/F-350 4x4 Pickup models
- Twin-coil monobeam front suspension combined with the steering system design provides tight turning diameters and reduced parking effort
- Loaded or unloaded cornering and maneuverability are more precise
- Gives a smoother ride than a leaf-spring design

#### Wide-track Front Suspension

- Wide-track twin-coil monobeam front suspension from the F-450 Chassis Cab is standard on all F-450 Pickups
- Twin-coil monobeam front suspension combined with the steering system design provides tight turning diameters and reduced parking effort. Loaded or unloaded cornering and maneuverability are more precise
- Gives a smoother ride than a leaf-spring design
- Large 32mm front stabilizer bar
- Large, square axle tubes are designed to deliver improved towing performance and capability

#### Leaf-spring Rear Suspension

- Allows model-specific spring rates for a wide range of applications
- Gross Vehicle Weight Ratings (GVWRs) range from 8800 lbs. up to a maximum of 13,300 lbs.

#### Revised Steering Geometry

- New steering gear on all Super Duty Pickups helps improve steering response and precision
- New symmetrical steering linkage on F-250/F-350 4x2 models improves on-center feel and steering control

#### Brakes

- Excellent stopping power and brake performance
- Large vented front and rear rotors
- Large, stiff calipers
- Four-wheel Anti-lock Braking System (ABS) with excellent low-speed feel and response
- Brake pad material engineered to help provide long life, quiet operation and confident pedal feel, whether lightly loaded or at full Gross Vehicle Weight

# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

# 2011

ON THIS PAGE

- Dual Rear Wheels
- Electronic Locking Rear Differential
- Engine Only Traction Control
- Hill Descent Control™
- Hill Start Assist
- Trailer Sway Control

## Chassis cont'd

### Dual Rear Wheels (DRW)

- Either 4x2 or 4x4 drive system
- Increase rear traction
- Improve towing stability
- Provide increased rear axle weight ratings

### Electronic Locking Rear Differential

- New for 2011 and available on F-250/F-350 4x2 and 4x4 Single Rear Wheel (SRW) configurations
- Designed to solidly lock the rear axles and differential when the customer wants
- Controlled by an instrument-panel-mounted switch
  - Can be turned on and off as needed and engaged on-the-fly
- An electromagnetic coil activates a mechanical lock inside the rear differential housing to solidly lock the rear axle shafts together
- Locking the axle shafts together provides maximum traction capability on slippery surfaces
- Intended for off-road use only and not intended for use on dry pavement
- Available on 4x2 and 4x4 SRW models

### Engine Only Traction Control

- Standard on Dual Rear Wheel (DRW) configurations
- Helps optimize available traction or limits wheel spin on slippery or loose driving surfaces
- Reduces engine power through fuel cutoff or ignition spark control
- Uses engine torque to manage wheel spin, a more precise method than brake-controlled traction systems
- Computes wheel spin from the differential and reduces torque to match the best traction available at the wheels for that terrain
- System may be disabled when it's not needed

### ENGINEERING INSIGHT

#### Dual Rear Wheel Trailer Sway Control

Trailer Sway Control is standard on Pickups (SRW/DRW). Dual Rear Wheel pickups, while not equipped with AdvanceTrac, provide Trailer Sway Control function through a yaw motion sensor incorporated into the vehicle braking system that allows the vehicle to monitor for trailer sway and to respond by applying brake force to either of the front wheels or reducing engine power to help regain trailer control.

### Hill Descent Control™

- New for 2011
- Included and only available with the FX4 Off-Road Package
- Helps the driver to concentrate on driving, since the system helps maintain vehicle speed on a steep decline at speeds between 2 and 20 mph
- Activated by pressing the Hill Descent Control button located on the right side of the instrument panel center stack
- Once activated, utilizes the truck's Anti-lock Braking System (ABS) to help the driver control vehicle descent, allowing the driver to concentrate on steering
- Once set, speed can be increased by pressing the accelerator pedal until the desired speed is met and then releasing the pedal
  - System speed can be decreased by pressing the brake pedal until the desired speed is met and then releasing the pedal
- System is activated at speeds between 20 and 40 mph but descent speed cannot be set or maintained
- System disengages when vehicle speed exceeds 40 mph

### Hill Start Assist

- New for 2011
- Helps keep the vehicle from rolling backward, making it easier to pull away when on a slope or hill with a grade greater than 5 degrees
- Activating the system is simple
  - Press the brake pedal to bring the vehicle to a complete standstill
  - Keep the brake pedal pressed
  - If the sensors detect that the vehicle is on a slope, Hill Start Assist is automatically activated
- When Hill Start Assist is activated, the vehicle remains stationary on the slope for up to two seconds after the driver releases the brake pedal
- The brakes are automatically released once the engine has developed sufficient power to prevent the vehicle from rolling down the slope
- Hill Start Assist will not operate when the parking brake is engaged

### Trailer Sway Control

- Standard on all SRW and DRW pickups
- Provides an additional layer of confidence and control when towing a trailer
- See page 45 for a complete description



# F-250/F-350/F-450 Super Duty® Pickups

## Performance/Handling

- 10,000-lb. GVWR Package
- Camper Package
- FX4 Off-Road Package
- Heavy Service Front Suspension Package
- Pickup Box Delete
- Snowplow Prep Package

### Packages

#### 10,000-lb. GVWR Package (F-350 SRW) (68D)

Available on F-350 SRW and includes:

- 10,000-lb. Gross Vehicle Weight Rating (GVWR)

#### Camper Package (471)

Designed and engineered for pickup trucks utilizing a slide-in camper in the cargo box. Includes:

- Heavy-service front springs — 2 up with 4x2/1 up with 4x4 (1 up or 2 up spring upgrade over the spring computer-selected as standard; not applicable if maximum spring rating is computer-selected as standard equipment)
- Rear stabilizer bar (SRW)
- Auxiliary rear springs (F-250)
- Slide-in camper certification
- Not available with 20" wheels and tires, Pickup Box Delete, 3:31 axle ratio or Heavy Service Suspension Package

#### FX4 Off-Road Package (17X)

Designed for vehicles that will be used in off-road or rough-terrain situations. Includes:

- Hill Descent Control™ (SRW)
- Rancho branded shocks — colored front and rear shocks
- Skid plates for fuel tank and transfer case
- Unique "FX4 Off-Road" box decal
- Requires 4x4, all-terrain tires, electronic locking rear differential on SRW and limited-slip rear axle on DRW

#### Heavy Service Front Suspension Package (67H)

Recommended only for vehicles permanently utilizing aftermarket equipment such as heavy-duty winches, brush guards or other equipment which will load the front axle to the specified Gross Axle Weight Rating (GAWR). Includes:

- Heavy service front springs — 1 up spring upgrade over the spring computer-selected as standard; not applicable if maximum spring rating is computer-selected as standard equipment
- Not available with Camper Package, Snowplow Prep Package or Heavy Service Package for Pickup Box Delete (F-250)

#### Pickup Box Delete (66D)

An incomplete vehicle package that requires further manufacture and certification by a final stage manufacturer. This package is available **only** on F-250/F-350 **models** with the 8' box.

- Deletes:
  - 4- and 7-way combination trailer tow socket and bracket (if Trailer Brake Controller is ordered)
  - Bodyside moldings
  - Pickup box
  - Rear bumper
  - Spare tire and carrier
  - Tailgate
- **Includes 17.5K trailer hitch receiver (trailer tow rating limited to the same maximum as a box-equipped vehicle)**
- Not available with 20" wheels and tires or FX4 Off-Road Package

**NOTE:** Ford urges the final manufacturer to follow the recommendations of the Ford Incomplete Vehicle Manual and the Ford Truck Body Builder's Layout book (and applicable supplements).

#### Snowplow Prep Package (473)

4x4 only and designed for vehicles that will be equipped with a front snowplow. Includes:

- Preselected springs/GAWR (rating varies by model/engine; see weight ratings chart for more information)
- Extra Heavy Duty Alternator (200-amp) with 6.7L Power Stroke® diesel engine or Heavy Duty Alternator (157-amp) with gasoline engine
- Not available with Heavy Service Front Suspension Package

# F-250/F-350/F-450 Super Duty® Pickups

## Quality/Reliability/Durability

# 2011

**ON THIS PAGE**

- Quality/Reliability/Durability Key Messages
- Quietness
- Built Ford Tough Features
- 24-Hour Roadside Assistance

### Key Messages

- Super Duty® customers depend on their trucks for their livelihood – if their truck doesn't work, they don't work
- New Ford-engineered, Ford-tested and Ford-built 6.7L Power Stroke® V8 turbo diesel engine is quieter than the engine it replaces and has been durability tested for 250,000 miles of real-world use
- F-Series Super Duty Pickups must pass rigorous durability tests based on how customers really use their trucks
- Super Duty sets high standards for refinement and quietness

## Quality

### Quietness

- Quiet diesel engine is the result of fine-tuning to reduce diesel combustion noise and to ensure quiet smooth operation at high and low speeds
- Class-exclusive<sup>(1)</sup> Quiet Steel<sup>®(2)</sup> dash panel — composite laminated steel sheet works with extra sound padding in the dash and floor to provide a foundation for the quiet cabin
- Sound-damping back panel improves occupants' ability to carry on a conversation
- Expandable "gull wings," inside the fenders just in front of the doors, work with the Quiet Steel<sup>®(2)</sup> dash panel to reduce unwanted road and wind noise
- Thick side glass helps minimize wind noise
- Climate control system design reduces number and size of openings in the bulkhead, improving interior quietness
- Improved instrument panel seal helps reduce powertrain noise
- Exhaust system design is tuned for refinement with a robust, tough truck sound

## Reliability

### Built Ford Tough Features

- "Closed-eye"-type front tow hooks are useful for pulling other vehicles out of the mud or snow; attached to the frame for strength
- Transmission fluid temperature gauge monitors the automatic transmission for optimum operation levels and reliability
- Turbo-boost gauge lets the driver know the turbo-boost from the diesel engine is within the proper levels
- Engine hour meter in the Message Center indicates the number of hours the engine has been in operation
  - This is an especially useful feature for proper vehicle maintenance
  - Standard on all models
- Air filter minder warning light on instrument panel indicates when the diesel air filter needs to be replaced for reliability and ease of maintenance on Power Stroke diesel-equipped vehicles

- Single midship fuel tank offers large capacities for excellent cruising range
  - 26.0-gallon capacity on short-wheelbase models (diesel engine)
  - 35.0-gallon (gasoline engine) or 37.5-gallon (diesel engine) capacity on long-wheelbase models
- Fail-safe cooling system allows the 6.2L V8-equipped vehicles to continue operating with limited engine power if coolant is lost, allowing the driver to reach a service facility if the engine overheats<sup>(3)</sup>

### 24-Hour Roadside Assistance

- Toll-free number (1-800-241-FORD) operational 24 hours a day, every day
- Customers can request services to change a flat tire, jump-start a battery, unlock the vehicle, deliver fuel or tow the vehicle
- Available for 5 years or 60,000 miles (gasoline or diesel powertrains), whichever comes first

(1) Class is full-size pickup trucks over 8500 lbs. GVWR.

(2) Quiet Steel is a registered trademark of MSC.

(3) Distance traveled depends on vehicle load, terrain and outside temperature.

# F-250/F-350/F-450 Super Duty® Pickups

## *Quality/Reliability/Durability*

### Durability

#### Diesel Engine Testing

- 6.7L Power Stroke® V8 turbo diesel testing is a reflection of Ford's commitment to engineer and build this all-new diesel engine "in-house" and to meet the needs of the Super Duty customer
- 250,000-mile durability testing is designed to identify structural fatigue points of the powertrain components by simulating the driving habits of Super Duty customers who tow heavy loads
  - Test engines spend 1,200 hours at peak torque to test the strength of the engine's internal rotating parts
- Thermal cycle testing stresses the cylinder head gaskets, engine sealing and cooling system connections
  - Engines are idled, run at peak power until components are red hot, then shut off and allowed to soak while 16-degrees-below-zero Fahrenheit coolant is pumped through the engine
  - The process repeats over and over for 150 hours
- Structural testing is run to verify design parameters including assessment of the effect of design tolerances
  - Engineers build engines with tolerance-limit parts to simulate potential quality issues before they happen to the customer
- Real-world wear testing simulates the operating conditions of 250,000 miles over the toughest grades in temperatures ranging from 40 degrees below zero to plus 130 degrees Fahrenheit
  - This test cycle is the equivalent of 10 years in service

### Warranty

#### Powertrain Limited Warranty — Gasoline Engine

- Powertrain Limited Warranty for Ford vehicles is five years or 60,000 miles, whichever comes first
- That's an additional 2 years/24,000 miles of coverage for components such as the engine, transmission and rear-wheel-drive parts (refer to the vehicle Owner's Guide for a more comprehensive list of all the parts covered) beyond the vehicle's 3-year/36,000-mile Bumper-to-Bumper limited warranty

#### Powertrain Limited Warranty — 6.7L Power Stroke Diesel Engine

- Lasts for five years or 100,000 miles, whichever occurs first, on certain Power Stroke-specific powertrain components
- Key components covered under this warranty include: the engine, cylinder block, heads and all internal parts, intake and exhaust manifolds, timing gear, oil pan and pump, water pump, fuel system (excluding fuel lines, fuel tank and frame-mounted fuel conditioning module, high-pressure lines, gaskets and seals, turbocharger components, powertrain control module, engine control module, high-pressure fuel injection pump assembly, electronic driver unit, injectors and most engine sensors)

**NOTE:** See [motorcraftservice.com](http://motorcraftservice.com) for a link to a printable PDF of the Warranty Guide.

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

# 2011

**ON THIS PAGE**

- Seating Enhancements for 2011
- Front-seat Features
- Heated/Cooled Seats
- Rear-seat Features
- Intelligent 3-blink Turn Signal
- Flow-through Center Console

### Key Messages

- Customers choose Super Duty® Pickups because of their flexibility and model-specific packages
- New exterior styling with a distinctly bold front-end appearance highlighted by a new grille appearance
- New interior with all-new seats and flow-through center console
- Super Duty offers customers an extremely efficient mobile office with the available Productivity Screen and Ford Work Solutions™ options
- MyKey® is new to Super Duty and allows the programming of restricted driving modes
- Voice-activated Navigation System includes new HD Radio™ capability

## Seating

### Enhancements for 2011

- Standard driver-side manual lumbar adjustment
- Heated/cooled front seats

### Front-seat Features

- Standard 40/20/40 vinyl split bench features a center armrest, cup holder, storage and driver-side manual lumbar
- Available cloth 40/20/40 split bench includes locking underseat storage, center armrest, cup holders and storage
- Available 40/console/40 seats feature an all-new flow-through console and 6- or 10-way power adjustment

### Heated/Cooled Seats

- Provide quick, enhanced comfort to both the seatback and cushion during hot or cold weather
- Standard on King Ranch, available on Lariat, included in Lariat Interior and Ultimate Packages

### Rear-seat Features

- SuperCab models feature a 60/40 fold-up bench seat with seating surfaces in vinyl (XL), cloth (XLT) or Premium vinyl (Lariat)
- Crew Cab XL models feature a 60/40 vinyl flip-up/fold-down bench seat with head restraints for all 3 seating positions
- Crew Cab XLT and Lariat models feature a 60/40 flip-up/fold down bench with underseat partitioned, lockable storage, head restraints for all seating positions, an auxiliary 12V power point in the driver seat 60 percent storage area and dual integrated cup holders in the fold-down center armrest

## Interior

### Intelligent 3-blink Turn Signal

- This lane-change technology changes and simplifies the way drivers maneuver on the road
- To operate:
  - With a simple flick of the switch, either up or down, the turn indicator blinks 3 times and automatically shuts off
  - The switch can be held in the lane-change position longer for additional blinks beyond the 3 minimum
  - To engage the turn signal, drivers move the switch to the standard position, one more press past the lane change mode

### Flow-through Center Console

- Lockable main storage bin
- Hanging tray for coin or small tool storage
- Available file hangers
- Map pockets
- Front storage compartment with removable modules for customizable space
- 12V powerpoints, 1 inside the main bin and the other at the outside rear
- 110V/150W inverter with a household-style plug outlet located at the rear of the console

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

- Heated Backlight/Rear Window Defroster
- Power Adj. Accelerator and Brake Pedals
- Power Moonroof
- MyKey® Owner Controls Feature
- Power Sliding Rear Window
- Remote Start

### Interior cont'd

#### Heated Backlight/Rear Window Defroster (43B)

- Optional on Lariat and King Ranch
- Provides improved rear visibility

#### Power Adjustable Accelerator and Brake Pedals (62M)

- Help to maximize driver comfort by allowing forward and rearward adjustment (up to 3 inches) of the accelerator and brake pedals
- Standard on Lariat, included in XLT Interior Package, memory feature included with King Ranch models

#### Power Moonroof (43M)

- Gives customers an open-air driving experience

#### MyKey® Owner Controls Feature

- A Ford Motor Company first
- Allows parents and fleet owners to program a "key limit" to certain vehicle functions to help promote safe driving habits
- Default restrictions include:
  - Persistent Belt-Minder® alert that mutes audio system until driver front safety belt is fastened
  - Earlier Low Fuel Warning indicator
  - Restriction of disabling certain features, if equipped
- Programmable restrictions include:
  - Limited vehicle top speed
  - Configurable speed alert chime at 45, 55 OR 65 mph
  - Maximum audio system volume
- Programming MyKey is done via the Message Center
  - One standard key will be the Administrator Key, while the other will operate as MyKey with the programmed restrictions

#### Power Sliding Rear Window (435)

- Includes privacy glass: standard on Lariat and King Ranch, optional on XLT SuperCab and Crew Cab
- Provides enhanced interior ventilation at the push of a button

#### Remote Start (76S)

- Provides the added convenience of starting the vehicle from a distance, allowing the vehicle to adjust interior temperature based on customer input
- Optional on all models (XL requires Power Equipment Group; included in Lariat Interior and Lariat Ultimate Packages, **standard on King Ranch**)

#### Rapid-Heat Supplemental Cab Heater (41A)

- Available on all models
- Requires 6.7L diesel engine, extra-heavy-duty alternator or dual alternators
- Designed to help the vehicle's standard heating system heat the cabin more quickly in cold weather
- Supplemental electric heater located in the vehicle's HVAC case
- Fully integrated with the vehicle's heating and ventilation system
- Monitors engine coolant temperature and provides additional in-cab heating if coolant is below a certain temperature

#### Steering Wheel Controls (62D)

- Required with SYNC® option on XL and XLT
- Included steering wheel controls:
  - Audio
  - Cruise control
  - SYNC

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

# 2011

ON THIS PAGE

- Interior Design
- Rear View Camera
- Reverse Sensing System

## Interior Design



**Instrument cluster gauges** are organized, easy to read.  
**Modular instrument panel** has a two-tone appearance.  
**Standard** manual rake/telescoping steering column.  
**Round air vents** have notched, gear-like chrome surrounds.

**All-new front seats** have standard manual lumbar on driver side.

**Prominent center stack** houses all switches in one easy-to-access area.

**360-degree front door pulls** are easy to grab, even when wearing gloves.

## Exterior

### Rear View Camera (76V)

- Standard on King Ranch and **Lariat**, available on XLT (requires XLT Interior Package) and included in the Lariat Interior and Lariat Ultimate Packages
- Provides added driver convenience when backing up and is especially useful when parallel parking or connecting a trailer
- System automatically engages when the vehicle is placed in Reverse
- Includes a camera located below the Ford oval in the center of the tailgate
- Video is shown on the Navigation System screen (if equipped) with an image providing vehicle centerline, rear bumper orientation and green, yellow and red trajectory lines to relate an object's proximity to the rear of the vehicle
- Video is shown in the rearview mirror for models not equipped with the Navigation System

### Reverse Sensing System (76R)

- Standard on Lariat and King Ranch, available on XLT
- Helps audibly alert drivers to certain objects close to the rear of the vehicle as the driver backs the vehicle up slowly
- As the vehicle nears an object, a warning tone sounds and increases in frequency as the vehicle gets closer
- Makes getting in and out of tight parking spaces easier and more convenient
- Not available with Pickup Box Delete or Engine Idle Shutdown



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RE&T: 2011 Source Book

F-250/F-350/F-450  
SD Pickups



# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

- Productivity Screen Key Features
- Gauge Mode
- Trip A/B
- Fuel Economy
- Truck Apps
- Settings

### Productivity Screen



#### Key Features

- Provides the customer access to vehicle information related to fuel efficiency, towing performance and MyKey® programming
- Includes a 4.2" LCD (liquid-crystal display) screen located between the speedometer and tachometer and is navigated through a five-way button on the steering wheel
- Designed and developed from extensive customer feedback
- Includes six primary programmable menu options, each customizable by the customer:
  - Gauge Mode
  - Trip A/B
  - Fuel Economy
  - Truck Apps
  - Settings
  - Information

#### Gauge Mode

- Includes configurable geographical compass display
- Gasoline engine-equipped models include a transmission oil temperature gauge
- Diesel engine-equipped models include engine and transmission oil temperature gauges

#### Trip A/B

- Trip time and mileage
- Gallons of fuel used and fuel efficiency (mpg)
- Capable of tracking two trips

#### Fuel Economy

- In this mode, fuel efficiency information is displayed as:
  - Instantaneous fuel usage
  - Miles to empty
  - Average mpg

#### Truck Apps

- Off-road screen displays lateral, vertical and turning radius information
- Access to Electronic Rear Differential, Hill Descent Control, 4x4 system and traction control status (if equipped)
- Customers who tow will really appreciate the capability of tracking and storing information for individual trailers, including:
  - Mileage
  - Trailer Brake Controller settings
  - Trailer naming

#### Settings

- Turn features on or off
- Change lamp, compass and maintenance schedule settings
- Manage MyKey settings and features

#### Information

- Monitors oil life percentage
- MyKey status and mileage
- System check screen
- System warnings such as "Door Ajar" are displayed graphically
- Trailer Sway Control, Hill Descent Control, Tire Pressure Monitoring System (TPMS) and diesel engine-specific messages are found in this menu

#### Message Center

- Displays compass and outside temperature in upper left corner

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

# 2011

ON THIS PAGE

- Ford Work Solutions™
- In-dash Computer
- Crew Chief™
- Tool Link™
- Cable Lock

### Ford Work Solutions™

Provides customers unprecedented levels of connectivity, flexibility and security to assist them in the day-to-day operation of their business.<sup>(1)</sup>



The features and technologies included in Ford Work Solutions were closely developed with industry-leading companies and the direct result of research into the needs of contractors and tradespeople across the United States.

This relationship and research have resulted in the F-250/F-350/F-450 Super Duty® Pickups offering four innovative features:

#### In-dash Computer by Magneti Marelli™ (87N)

##### Computer

- Computer is securely integrated into the vehicle's dash and has 4 GB of available memory
- 6.5" LCD touch screen provides easy access to Ford Work Solutions functions
- Productivity software
- Bluetooth®(2) supports wireless keyboard with integrated mouse pad

##### Garmin® Mobile Navigation

- Detailed direction, maps and Points of Interest (POI)
- Voice-prompted turn-by-turn directions
- Real-time traffic, weather and fuel prices (requires Sprint® Mobile Broadband) Hands-Free Phone
- Most Bluetooth wireless technology enabled mobile phones can be paired for hands-free operation
- Text messages can be sent and received

##### Media

- AM/FM radio and CD/MP3 player
- Includes an auxiliary input connection for portable digital media players

##### Internet

- High-speed Internet access is provided by Sprint Mobile Broadband and requires activation through Sprint

##### LogMeIn®

- Remote access to office/home computers from the vehicle
- Allows documents to be printed to the vehicle using the available wireless printer

**NOTE:** SYNC® and Sirius® Satellite Radio are not available with the in-dash computer.

#### Crew Chief™ (87T) by Microlise™

- Provides vehicle location using GPS (wherever there is cell service)
- Provides vehicle performance data, fuel consumption, trouble codes, service required notifications, etc.
- Provides driver performance data, excessive speed or idling, airbag/safety belt alerts, harsh acceleration, etc.
- Provides enhanced fleet productivity through historical data analysis



#### Tool Link™ (87L) by DeWALT®

- Uses RFID (Radio Frequency Identification) technology to automatically track items in the back of a vehicle and alert users of any missing items
- Scans and records the vehicle tool contents
- Scanned items and inventory status appear on the computer screen with missing items clearly identified
- Custom inventory lists can be created for specific jobs



#### Cable Lock by Master Lock® (87C)

- Heavy-duty 10' long, 3/8" thick, vinyl-coated braided steel cable to secure items in the truck bed
- Self-locking shackle at the end of the cable affixes to a tie-down cleat or back around the cable itself and features a quick-release unlock
- Cable retracts into a durable housing on the side of the truck bed to neatly stow when not in use
- Corrosion- and impact-resistant storage case mounts to the inside wall of the cargo box with anti-theft fasteners



F-250/F-350/F-450  
SD Pickups

(1) Not all features are available while vehicle is in motion.

(2) The Bluetooth word mark is a trademark of the Bluetooth SIG, Inc.

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

- SYNC® Key Features
- Traffic, Directions and Information
- 911 Assist™
- Vehicle Health Report (VHR)

## SYNC® Technology

### Key Features

Award-winning SYNC<sup>(1)</sup> changes the way customers use their digital media and Bluetooth<sup>®(2)</sup> wireless technology-enabled mobile phones with these features:

- Traffic, Directions and Information
- 911 Assist™
- Vehicle Health Report (VHR)
- Voice-activated hands-free calling
- Uninterrupted connections that allow going directly from mobile phone to the vehicle's hands-free phone during the call
- Audible text messages
- Caller ID, call waiting and conference calling
- Voice-activated control of an MP3-style media player
- Instant voice recognition
- Ringtone support
- Automatic phone book transfer for mobile phones with this feature
- Multilingual intelligence (English, French, Spanish)
- For more information, go to [syncmyride.com](http://syncmyride.com)

### Traffic, Directions and Information<sup>(1)</sup>

- Ford-exclusive technology
- Includes complimentary three-year prepaid subscription
- Provides simple voice command access to traffic reports, turn-by-turn driving directions, business listings, sports scores, weather forecasts and news
- Updatable by logging on to [syncmyride.com](http://syncmyride.com)
- **Traffic** provides traffic reports between two points<sup>(3)</sup>
  - Also provides text message traffic alerts to the owner's mobile phone
  - Customers can use their online SYNC owner account to set up personalized address points
- **Directions** provide easy-to-understand in-vehicle **turn-by-turn** directions to businesses, personalized locations or specific street addresses<sup>(3)</sup>
  - Directions service uses the same personalized address points that are used for Traffic
- **Information** provides access to:
  - Business Search by name or category with results provided in vehicle, including turn-by-turn directions and telephone number
  - News reports in a variety of categories
  - Sports scores
  - Weather information for a number of U.S. cities
  - Movie theater locator and showtimes
  - Horoscopes
  - Stock information
  - Favorites allows customers quick access to their favorite news, sports and weather information
- **Destination download** allows you to do your travel planning at your convenience on [MapQuest.com](http://MapQuest.com) or [Googlemaps.com](http://Googlemaps.com) and then send such destinations via your mobile phone to the vehicle for turn-by-turn directions

### 911 Assist

- Assists occupants in placing a 911 call in certain vehicle crashes by using a properly paired and connected mobile phone inside the vehicle<sup>(4)</sup>
- Occupants can cancel the call by pressing and holding the phone button on the steering wheel, or by confirming the cancellation message on the Navigation System screen
- Connects directly to a 911 operator
- Opens the SYNC microphone to allow vehicle occupants to communicate hands-free with the 911 operator

### Vehicle Health Report (VHR)

- Produces an easy-to-understand report accessible on [syncmyride.com](http://syncmyride.com)
- Customers are able to monitor the operating condition of their vehicle and work closely with the dealership to keep it in peak running condition
- VHR combines data from multiple sources to communicate diagnostic, recall and maintenance information
- Provides the capability to seamlessly schedule dealership service via the dealer website, via Genuine Service or by e-mail
- Vehicle Health Overview includes:
  - Brakes and suspension
  - Checks, fluids and filters
  - Engine, transmissions and emissions systems
  - Restraints and driver assistance
- Will notify the customer of:
  - Recommended scheduled maintenance based on current odometer reading
  - Field Service Actions requested by Ford Motor Company

(1) Driving while distracted can result in loss of vehicle control. Only use mobile phones and other devices, even with voice commands, when it's safe to do so.

(2) The Bluetooth word mark is a trademark of the Bluetooth, SIG, Inc.

(3) **Traffic alerts and turn-by-turn directions available in select markets. Standard text messaging data rates may apply.**

(4) The vehicle electrical system (including the battery), the wireless service provider's signal and a connected mobile phone all must be available and operating for 911 Assist to function properly. These systems may become damaged in a crash. The paired mobile phone must be connected to SYNC and the 911 Assist feature enabled for 911 to be dialed.

**NOTE:** Not all SYNC features will be compatible with all mobile phones. Features like ringtone support and audible text messages may not work with certain mobile phones.

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

# 2011

ON THIS PAGE

- AM/FM Stereo
- Single-CD/MP3 Capable Player
- Premium Single-CD/MP3 Capable Player
- Auxiliary Audio Input Jack
- MP3 Capability
- Sirius®

## Audio/Entertainment

### AM/FM Stereo

- 20 watts per channel with amplifier for high-fidelity sound
- 2 speakers
- Bass/Treble control
- Balance control
- Seek/Scan features
- Tone control
- Electronic tuning
- Digital clock

### Single-CD/MP3 Capable Player

*In addition to the AM/FM stereo, includes:*

- 4 premium speakers
- MP3 capability
- Sirius® Satellite Radio capability
- Auto presets
- Auxiliary audio input jack
- Fade control
- **Speed Compensated Volume (SCV)** compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal. Allows seven volume adjustment levels. Adjustable through the menu
- **Compression** allows the audio dynamic range to be compressed so quieter music is boosted and louder music is lowered to compensate for ambient noise level when enabled during CD mode
- **Shuffle** plays CD/MP3 tracks in random order
- **Folder** button allows access to the MP3 folder
- **Folder/track mode** allows the audio system to play and seek through disc tracks with or without folder option (available with MP3 discs only)

### Premium Single-CD/MP3 Capable Player

*In addition to the single-CD/MP3 capable player, includes:*

- 8 speakers
- Subwoofer

### Auxiliary Audio Input Jack

- Standard with all CD/MP3 capable audio systems
- Located in the center stack
- Vehicle audio system will not control the functions of the MP3 player

### USB Connector

- Included with vehicles equipped with available SYNC® voice-activated communications and entertainment system

### MP3 Capability

- Reads song title and artist from ID3 tags
- Supports up to 253 titles per disc

### Sirius®(1)

#### • **Satellite radio service**

- Available on XLT, standard on Lariat and King Ranch
- Includes 6 months of Sirius service subject to geographic location and availability
- Order Code 39S must be specified. This will equip the vehicle with the necessary vehicle-to-radio interface and antenna
- Unit is preactivated from the factory
- Sirius satellite radio can be accessed using existing radio head controls:
  - Press and release the **Aux button** to enter satellite radio mode
  - **Seek/Scan** buttons to change channels
- Key benefits include:
  - Over 130 channels of the best music, talk, news, sports and information (65 music channels)
  - 100 percent commercial-free music
  - Seamless coverage anywhere in the 48 contiguous states and Washington, D.C.
- More information on the service is available online at [www.sirius.com](http://www.sirius.com) or toll-free at (888) 539-Sirius (7474)

(1) Service available in 48 contiguous states and Washington, D.C. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio, Inc. Subscriptions governed by Sirius Terms and Conditions at [sirius.com](http://sirius.com) and sold separately after complimentary trial period.

### For More Audio Information

- Audio availability: See the latest Dealer Ordering Guide
- Operating information: See the vehicle Owner's Guide

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

- Voice-activated Navigation System
- Sirius Traffic™ and Sirius Travel Link™

### Navigation

#### Voice-Activated Navigation System with Sirius Traffic™, Sirius Travel Link™ and HD Radio™

- New for 2011, includes **HD Radio capability**
- **Voice activation** recognizes certain voice commands to operate the system hands-free
- **6.5" LCD touch screen** in the center stack operates navigation and audio functions
- Traffic and weather information, fuel pricing, sports updates and movie listings provided by Sirius Travel Link
- **Bird's-eye map** provides a "3D" view of route, landmarks and Points of Interest (POI)
- **Music Jukebox** capability allows for storage and access to around 2,400 songs
  - Browse the music library via the touch screen or by voice recognition
  - Music can be sorted by playlists
- **Upload photos** to the home screen
- **Park and Play** mode allows audio and video discs to play while the vehicle is in Park
- **Destination selection** search methods include:
  - Street address
  - Points of Interest (POIs) including retail
  - Freeway entrance/exit search
  - Previous destination
- **Route Guidance** with turn-by-turn voice directions
  - Street name announcements
  - Freeway exit, turn and ramp transition lane guidance
  - Speed limit display on freeways
- Supports North American English, Canadian French and Mexican Spanish
- **Help menu** for basic operation, driving restrictions and navigation DVD
- **Automatic rerouting** recalculates a new route if a turn is missed
- **Emergency button** provides nearest emergency facility to choose as a destination (hospital or police)
- **Valet Lockout Mode** disables operation of the navigation and audio systems
- **Address book** saves the most frequently used destinations for quick and easy routing

#### Sirius Traffic and Sirius Travel Link Services<sup>(1)</sup>

- 6-month complimentary subscription subject to geographic location and availability included with Navigation System
- **Traffic info**
  - Provides incident, speed and flow information for 80 major cities in the continental U.S.
  - Updates every 2.5 minutes
  - View graphical overlay of incidents
  - Route recalculation based on traffic data
- **Weather info**
  - Provides current weather and 5-day forecast reports that are updated every 5 minutes
  - Current conditions update every 30 minutes
  - Region of interest can be defined by customer
- **Fuel pricing** for over 120,000 gas stations
  - Search for pricing en route or based on current location
  - Displays pricing for regular, mid-grade and premium when available
- **Sports updates** and movie listings
  - Score summaries and schedules for major sports
  - Updates every 5 minutes
  - User can personalize for favorite teams
  - Movie listings for over 4,500 theaters, including times, movie summary and directions to the theater
- More information is available online at [sirius.com](http://sirius.com) or toll-free at **(888) 539-Sirius (7474)**

(1) **Traffic updates** available in select markets. Some features are unavailable while driving. Service available in the 48 contiguous states and Washington, D.C. Sirius Travel Link is a trademark of Sirius XM Radio, Inc.



# F-250/F-350/F-450 Super Duty® Pickups

## *Flexibility*

# 2011

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— HD Radio™

### HD Radio™

#### What It Is

- HD Radio Technology is your local AM and FM stations, now broadcasting in digital. It offers new extra local FM channels, crystal-clear sound, more music, news and sports — all subscription free. Nearly 2,000 AM and FM stations across the nation currently broadcast with HD Radio Technology. Visit [www.hdradio.com](http://www.hdradio.com) to learn more

#### What HD Radio Technology Is Not

- HD Radio is not satellite radio or “high-definition” radio
- HD Radio signals are local programming and have signal strength limitations

#### How It Works

- HD Radio Technology products work the same way as conventional radio, with a signal broadcast by a station and received by consumers in a specific area
- However, instead of sending one analog signal, HD Radio stations send a bundled signal made up of both analog and digital signals
- The digital signal is compressed, and when received by an HD Radio receiver, the signal is decoded into as many as three separate channels, each with unique programming, including additional or alternative format music, news, traffic and sports
- Because the signal is digital, sound quality is significantly superior to traditional radio, virtually eliminating buzzing, static and popping

#### Key Benefits

- Customers will enjoy an enhanced audio experience
- Crystal-clear static-free reception
- FM broadcast with CD-like quality
- AM broadcast quality approaching current FM broadcast quality
- HD2/HD3 channels featuring innovative content/alternative station programming
- Data displayed on-screen such as song, artist, breaking news, weather alerts, sports scores and much more



# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

- Stowable Bed Extender
- Tailgate Step
- ToughBed® Spray-in Bedliner
- Exterior Styling

### Cargo Area

#### Stowable Bed Extender (85B)

- Optional on SRW models only
- Allows functionality of the bed when the extender is not in use
- Folds onto the open tailgate and extends the usable length of the pickup box
- Folds into the cargo bed to form a small, enclosed section that keeps cargo from sliding around
- Separates into two pieces that fold and snap securely to the sides of the bed
- Also removable

#### Tailgate Step (85G)

- Optional on all models
- Provides an integrated step that folds down from the open tailgate to allow an easier step up into the truck bed
- Includes step and handle
- Fully integrated into the tailgate and virtually invisible when not in use
- High-strength steel construction

#### Tailgate Assist™

- Uses an internal torsion bar to reduce the effort required to open and close the tailgate

#### Locking Tailgate

- Helps reduce the chance of theft

#### Tie-down Hooks

- In each corner of the pickup box on 6.75' box, two additional tie-downs in the center of 8' box
- Help keep cargo securely in place

#### ToughBed® Spray-in Bedliner (85S)

- Optional on all models
- Provides tough, durable protection for the life of the vehicle's truck bed
- Spray-in liner is watertight, and helps to eliminate rust formation
- Resists tears from sharp objects
- Factory installed and warranted by Ford Motor Company

#### Cable Lock (87C)

- Optional on all models
- See page 29 for more information

#### MAKE THE POINT: Tailgate Step

Show customers how easy it is to open the Tailgate Step:

1. Flip down the tailgate
2. Pull the yellow latch lever to the Unlock position to release the grab handle
3. Raise the handle upright until you feel it latch and see the latch lever in the Lock position
4. Rotate the center molding to unlatch the Tailgate Step
5. Flip open the panel to widen the step

**NOTE:** Be sure to tell customers that the Tailgate Step is rated for no more than 350 lbs. (includes a person plus load carried).

### Exterior Styling

#### All-new Front-end Design

- "Built Ford Tough" DNA is unmistakable and delivers at-a-glance differentiation from prior model and F-150
- Dual-beam jewel effect halogen headlamps
- Front bumper with integrated step pad
- Large, aggressive 2-bar grille with bull-like nostrils features Super Duty® name across the leading edge
- Large Ford oval
- Inverted power dome hood with clamshell design

#### Rear-end Design

- Large rear bumper
  - Standard 7-pin and 4-pin trailer connector attached
- Large taillamps
- Tailgate design features Ford oval in center of tailgate and Super Duty name on lower edge

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

# 2011

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- XL Key Features
- XL Value Package
- XL Décor Package
- Power Equipment Group

## XL Key Features

### Exterior

- 17" argent painted steel wheels with painted hub covers/center ornaments (F-250/F-350 SRW)
- 17" argent painted steel wheels (F-350 DRW)
- 17" forged polished aluminum wheels with bright hub covers/center ornaments (F-450)
- Black door and tailgate handles
- Black painted front and rear bumpers
- Black painted grille
- Dual-beam jewel effect halogen headlamps
- Manual telescoping, foldaway trailer tow mirrors with manual glass
- Rear fixed window
- Solar-tinted glass

### Interior

- Air conditioning
- AM/FM radio with 2 speakers
- Black, full-length vinyl floor covering
- Black vinyl steering wheel with tilt/telescoping steering column
- Color-coordinated scuff plates
- Door trim with armrest, grab handle and reflector
- Color-coordinated vinyl sun visors: single driver with pocket, single passenger with mirror insert
- Heavy-duty vinyl 40/20/40 split bench with center armrest, cup holder and storage; manual lumbar — driver side, front center seat includes integrated restraint
- Instrumentation — multifunction switch Message Center with Ice Blue lighting, three button message control on steering wheel
- Interval-control windshield wipers
- Vinyl flip-up/fold-down rear bench seat (Crew Cab)
- Vinyl fold-up rear bench seat (SuperCab)

## XL Packages

### XL Value Package (96V)

- Bright chrome hub covers and center ornaments (SRW)
- Chrome front and rear step bumper
- Cruise control
- MyKey® owner controls feature
- Single-CD/MP3 player

### XL Décor Package (17F)

- Available on XL models only with valid FIN code
- Bright chrome hub covers and center ornaments
- Chrome front and rear step bumper

### Power Equipment Group (90L)

- Accessory delay
- **Integrated Key**
- Manual telescoping, trailer tow mirrors with power, heated glass, heated convex spotter mirrors, integrated clearance lamps and turn signals
- One-touch-down driver window
- Perimeter anti-theft alarm
- Power front side windows
- Power locks
- Power rear side windows (Crew Cab)

F-250/F-350/F-450  
SD Pickups

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

- XLT Key Features
- Chrome Package
- Steering Wheel Controls
- XLT Appearance Package
- XLT Interior Package
- XLT Premium Package

### XLT Key Features

#### Exterior

- 17" argent painted steel wheels (F-350 DRW)
- 17" cast aluminum 5-spoke wheels with bright hub covers and center ornaments (F-250/F-350 SRW)
- 17" forged polished aluminum wheels with bright hub covers/center ornaments (F-450)
- Chrome front and rear bumper
- Chrome grille surround with medium platinum insert
- Manual telescoping, trailer tow mirrors with power, heated glass, heated convex spotter mirrors, integrated clearance lamps and turn signals

#### Interior

- 60/40 cloth fold-up rear bench seat (SuperCab)
- 60/40 rear bench seat with flip-up/fold-down, underseat storage partitioned with each side lockable. 60 percent driver side underseat storage has 12V power point, dual integrated cup holders in armrest, 2 outboard head restraints and a center head restraint (Crew Cab)
- Air conditioning
- Auxiliary audio input jack
- Black air vents with chrome rings
- Black vinyl steering wheel with telescoping and raking steering column
- Color-coordinated carpet floor mats
- Color-coordinated full carpet floor covering

- Door trim with soft armrest, grab handle, upper and lower map pockets and reflector
- High-series cloth 40/20/40 split bench front seat with center armrest, cup holder and storage, and 20 percent center underseat locking storage
- MyKey® owner controls feature
- Perimeter anti-theft alarm
- Power windows and door locks with backlit switches and accessory delay
- Remote Keyless Entry
- Single-CD/MP3 capable player and 4 speakers
- Steering-wheel-mounted cruise control
- Trailer Brake Controller

### XLT Packages

#### Chrome Package (17C)

- Available **only** on XLT SuperCab and Crew Cab
- 6" angular chrome tubular step bars
- Chrome exhaust tip
- Chrome pickup bed tie-down hooks
- Chrome tow hooks
- Unique chrome mirror caps
- Requires:
  - **PowerScope™ trailer tow mirrors**
  - **17" forged polished aluminum wheels (F-350 DRW)**

#### Steering Wheel Controls (62D)

- **Audio controls**
- **Cruise control**
- **SYNC®**

#### XLT Appearance Package (17A)

- **Available only on SuperCab and Crew Cab**
- 18" cast aluminum wheels
- Chrome Package contents
- Fog lamps
- LT275/65R18E BSW A/S tires
- **Requires PowerScope trailer tow mirrors**

#### XLT Interior Package (96I)

- Autolamp/Rainlamp
- Autolock/Unlock
- Power adjustable pedals
- Power driver seat (6-way)
- SecuriCode™ Keyless Entry Keypad (driver side)

#### XLT Premium Package (17P)

- Autolamp/Rainlamp
- Autolock/Unlock
- Chrome Package contents
- Compass
- Electrochromic mirror
- Power adjustable pedals
- Power driver seat (6-way)
- Productivity Screen
- SecuriCode™ Keyless Entry Keypad
- Steering wheel controls
- SYNC
- **Requires:**
  - **PowerScope trailer tow mirrors**
  - **17" forged polished aluminum wheels (F-350 DRW)**

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

# 2011

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- Lariat Key Features
- Chrome Package
- Lariat Interior Package
- Lariat Ultimate Package

## Lariat Key Features

### Exterior

- 17" forged polished aluminum wheels with bright hub covers/center ornaments (F-350 DRW/F-450)
- 18" premium cast aluminum wheels with bright hub covers/center ornaments (F-250/F-350 SRW)
- 5" chrome tubular step bars (F-350 DRW/F-450)
- Body-color door handles
- Chrome front and rear bumpers
- Chrome grille surround with medium platinum insert
- Fog lamps
- PowerScope™ power-telescoping, power-folding trailer tow mirrors with power heated glass, heated convex spotter mirrors, integrated clearance lights and turn signals
- Power sliding rear window with privacy glass

### Interior

- Color-coordinated full carpet floor covering
- Color-coordinated leather-wrapped steering wheel with redundant audio and SYNC® controls
- Color-coordinated vinyl sun visors: single driver with map strap and covered lighted mirror, single passenger with covered lighted mirror
- Door trim with soft armrest, grab handle, Dark Foundry upper appliqué and window switch bezel, upper and lower map pockets, and reflector
- Dual-zone Electronic Automatic Temperature Control
- Electrochromic self-dimming rearview mirror
- Instrumentation — driver-configurable enhanced information Productivity Screen with 4.2" LCD screen and five-button message control on steering wheel
- Power adjustable pedals
- Premium AM/FM stereo, single-CD/MP3 player with 8 speakers and subwoofer
- Reverse Sensing System
- Seats:
  - Front, premium leather seating surfaces, 40/console/40 split bench
  - 10-way power driver and front passenger seats (6-way adjustable track, 2-way power recline and 2-way power lumbar)
- Sirius® satellite radio
- SYNC® voice-activated communications and entertainment system

## Lariat Packages

### Chrome Package (17C)

- 6" angular chrome step bars
- Chrome exhaust tip
- Chrome pickup bed tie-down hooks
- Chrome tow hooks
- Unique chrome mirror caps

### Lariat Interior Package (96L)

- Heated/cooled **power** driver and **front** passenger seats
- Memory function (**power** adjustable pedals, driver seat **including easy-entry/easy-exit feature** and PowerScope™ mirrors)
- Rear View Camera
- Remote start system

### Lariat Ultimate Package (96U)

- Heated/cooled **power** driver and **front** passenger seats
- Memory function (**power** adjustable pedals, driver seat **including easy-entry/easy-exit feature** and PowerScope™ mirrors)
- Moonroof
- Rear View Camera
- Remote start system
- Tailgate step
- Voice-activated Navigation System with **Sirius Traffic™**, Sirius Travel Link™ and HD Radio™

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

- King Ranch Key Features
- King Ranch Chrome Package
- Available King Ranch Options

### King Ranch Key Features

King Ranch is available in Crew Cab 4x2 or 4x4 configurations only.

#### Exterior

- 17" premium forged polished aluminum wheels with unique King Ranch center cap (F-350 DRW/F-450)
- 18" premium cast aluminum wheels with unique King Ranch center cap (F-250/F-350 SRW)
- 6" angular lighted, painted running board
- Accent color front and rear bumpers (with step pad)
- Accent color lower bodyside and wheelip moldings
- Grille painted body color with chrome insert
- King Ranch door badges
- Lower accent two-tone paint
- PowerScope™ trailer tow mirrors with body-color mirror caps
- Remote start system
- Unique accent color box top/tailgate moldings

#### Interior

- Memory power adjustable pedals
- Rear View Camera
- Seats:
  - Unique King Ranch Chaparral leather seating surfaces, front 40/console/40 (memory, 10-way power adjustable heated/cooled driver seat and 10-way power adjustable heated/cooled passenger seat, **easy-entry/easy-exit feature on driver seat**)
  - 60/40 flip-up/fold-down rear bench with underseat locking storage and 12-volt powerpoint
- Unique door trim panels with King Ranch Chaparral leather insert and woodgrain appliqué
- Unique front and rear floor mats with King Ranch logo
- Unique King Ranch Chaparral leather-wrapped, color-coordinated steering wheel with redundant audio and SYNC® controls
- Universal garage door opener

### King Ranch Packages and Options

#### King Ranch with Chrome Package (17R)

- 6" angular chrome step bars
- Chrome exhaust tip
- Chrome pickup bed tie-downs
- Chrome tow hooks
- Unique chrome mirror caps

#### Available Options

- 20" premium cast aluminum wheels with King Ranch hub covers/center ornaments
- LT275/65R20E OWL all-terrain tires (F-250/F-350 SRW)
- Tailgate step
- Voice-activated Navigation System with **Sirius Traffic™**, Sirius Travel Link™ and HD Radio™

# F-250/F-350/F-450 Super Duty® Pickups

## Flexibility

# 2011

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- AdvanceTrac® with RSC®
- SOS Post Crash Alert System™
- Tire Pressure Monitoring System (TPMS)
- Safety Features
- Safety Canopy® System with Roll Sensor
- Front-seat Side Airbags

## Safety and Security



### AdvanceTrac® with RSC® (Roll Stability Control™)

- Standard on SRW models
- An electronic stability control system that helps the driver maintain vehicle stability in adverse driving situations or when making evasive maneuvers on slippery pavement
- Monitors vehicle's cornering behavior with steering angle, lateral acceleration and yaw rate sensors, and automatically makes braking and throttle adjustments to match vehicle's direction to the driver's intention using Anti-lock Braking System (ABS) and Traction Control components
- AdvanceTrac automatically activates whenever the vehicle is started, but may be turned off for certain situations such as when "rocking" a vehicle stuck in mud or snow

**NOTE:** Please remember that even sophisticated, advanced technologies cannot defy the laws of physics. Encourage safe driving habits to your customers.

**NOTE:** See the Safety section in the Source Book Appendices or on **eSourceBook** for more information.

### SOS Post Crash Alert System™

- Activates the hazard flashers and sounds the horn after a crash in which the airbags deploy<sup>(1)</sup>
- Sounding the horn and flashing the hazards makes the vehicle easier to locate if the accident happens off the roadway
- System operates until deactivated or battery power is depleted

### Tire Pressure Monitoring System (TPMS)

- Standard on all SRW models
- Sensor-based system alerts the driver to significant underinflation in any of the tires, excluding the spare
- Pressure sensors detect actual tire pressure and activate a warning light in the vehicle's instrument cluster when a tire is significantly underinflated
- Properly inflated tires help to maximize fuel economy and maintain a smooth ride

**NOTE:** See the Safety section in the latest Source Book Appendices or on **eSourceBook** for more information.

### Safety Features

The 2011 Super Duty Pickups include a number of safety features to help protect the driver and passengers in the event of certain collisions:

- Single-stage driver and right front passenger airbags
- Electronic crash severity sensor
- Front outboard safety belt energy management retractors and pretensioners
- Restraint Control Module

### Safety Canopy® System with Roll Sensor

- Side curtain airbags provide head protection for all outboard seating positions
- System includes side curtain airbags and roll sensor
- Located in the roof side rail behind the headliner, the side curtain airbags deploy downward and outward toward the side window opening to protect the heads of outboard passengers in the first row on Regular Cab and the first and second rows on Crew Cab and SuperCab
- Side air curtains are triggered independently of the driver and front passenger airbags by side-impact sensors or by the roll sensor
- Roll-fold technology helps the airbag slide between the glass and occupant as it inflates
- Side curtain airbags will not interfere with properly installed child safety seats or booster seats
- Canopy is designed to stay inflated longer for added protection in a rollover or multiple side impacts

### Front-seat Side Airbags

- Designed to protect chest and torso of the driver and front passenger in the event of a side-impact collision
- Airbags deploy from the side of the seatback bolsters so that they always inflate to provide maximum protection, regardless of the seat fore/aft position

### Child Seat Tethers

- Standard on Regular Cab front center and right passenger seat and all rear seating positions on SuperCab and Crew Cab

(1) SOS hardware may become damaged or the battery may lose power in a crash, which could prevent operation. Not all crashes will activate an airbag.



# F-250/F-350/F-450 Super Duty® Pickups

## Capability

- Capability Key Messages
- Towing Capacity
- Maximum Trailer Towing
- Payload
- Gross Vehicle Weight Rating (GVWR)

### Key Messages

- Super Duty® is able to handle tough commercial or recreational use
- Variable Gross Vehicle Weight Rating (GVWR) strategy on all models
- **Four** standard Trailer Tow Packages with a “Built Ford Tough” trailer hitch receiver are designed to meet the customer’s towing needs

### Towing Capacity

- Single Rear Wheel models with the 6.7L Power Stroke® V8 turbo diesel engine offer exceptional maximum conventional towing capacity
- Maximum conventional towing capacity is **17,500** lbs. for F-350 DRW (172" WB) and F-450 models with the 6.7L Power Stroke engine
- Ford is the first Original Equipment Manufacturer (OEM) to have a 2.5" hitch receiver for improved towing security with trailers over 12,500 lbs.
- Maximum Gross Combination Weight Rating (GCWR) for F-450 models is 33,000 lbs.
- Available 5th-wheel Hitch/Gooseneck Prep Package



### Maximum Trailer Towing<sup>(1)</sup>

Model	Drive	Capacity (Conventional)	Model	Drive	Capacity (5th-wheel)
F-250/F-350 SRW	4x2/4x4	14,000 lbs./14,000 lbs	F-250/F-350 SRW	4x2/4x4	16,500 lbs./16,100 lbs.
F-350 DRW	4x2/4x4	15,000 lbs./15,000 lbs.	F-350 DRW	4x2/4x4	22,600 lbs./22,100 lbs.
F-350 DRW	4x2/4x4	—/17,500 lbs. (172" WB and 6.7L diesel)	F-450	—/4x4	—/24,400 lbs.
F-450	—/4x4	—/17,500 lbs.			

### Payload and Gross Vehicle Weight Rating (GVWR)

#### Payload

- Variable GVWR strategy enables F-Series Super Duty pickups to have impressive payload capacity
- Maximum payload is 7070 lbs. on F-350 DRW 4x2 models equipped with the 6.2L V8 engine

#### GVWR

- Variable GVWR strategy lets customers build their trucks specifically for their intended use
- The Super Duty's fully boxed frame and robust braking system help keep the high payload capacity on trucks with higher base curb weight

Drive	Maximum Payload <sup>(1)</sup>	Maximum GVWR <sup>(1)</sup>
4x2	7070 lbs.	13,300 lbs.
4x4	6580 lbs.	13,300 lbs.

(1) Properly equipped.

# F-250/F-350/F-450 Super Duty® Pickups

## Capability

# 2011

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- F-450 Super Duty®
- Trailer Tow Packages
- Trailer Sway Control

### F-450 Super Duty®

The F-450 Super Duty Pickup is the only production pickup on the market with unsurpassed capabilities. It gives you unprecedented capability to offer your customers who tow horse trailers or large recreational campers, or who need the added capability for commercial applications.

Available as a 4x4 Crew Cab configuration, F-450 includes the following standard equipment:

- 6.7L Power Stroke® V8 turbo diesel engine with standard Heavy Duty TorqShift® 6-speed SelectShift Automatic™ transmission
- 4.30 limited-slip rear axle
- Wide pickup frame with 56" CA (Cab-to-Axle) dimension
- Rear leaf-spring suspension and radius arm front suspension from F-450 Super Duty Chassis Cab
- Large 32mm front stabilizer bar and 22mm rear stabilizer bar
- Gross Vehicle Weight Rating (GVWR) of 13,300 lbs.
- Maximum Gross Combination Weight Rating (GCWR) of 33,000 lbs.
- Maximum towing capacity when properly equipped — Conventional **17,500** lbs./5th-wheel 24,400 lbs.
- 157-amp alternator
- 37.5-gallon midship fuel tank
- Trailer Brake Controller
- Manual telescoping trailer tow mirrors with manual glass and 2-way manual fold feature (XL)

## Outstanding Towing Features

### Trailer Tow Packages

- **12.5K "Built Ford Tough" Trailer Hitch Receiver** with 2" hitch includes 7-wire harness with both 7-pin and 4-pin connectors (standard on F-250/F-350 SRW models; N/A diesel with 156", 158" or 172" wheelbase)
- **14K "Built Ford Tough" Trailer Hitch Receiver** with 2.5" hitch **and 2" reducer sleeve**, includes 7-wire harness with both 7-pin and 4-pin connectors (standard on F-250/F-350 SRW diesel with 156", 158" or 172" wheelbase)
- **15K "Built Ford Tough" Trailer Hitch Receiver** with 2.5" **hitch and 2" reducer sleeve**, includes 7-wire harness with both 7-pin and 4-pin connectors (standard on F-350 DRW except 172" wheelbase with diesel)
- **17.5K "Built Ford Tough" Trailer Hitch Receiver** with 2.5" hitch **and 2" reducer sleeve**, includes 7-wire harness with both 7-pin and 4-pin connectors (standard on F-350 DRW diesel with 172" wheelbase; F-450)

### Trailer Sway Control

- Standard on Single Rear Wheel (SRW) and Dual Rear Wheel (DRW) models
- Works in conjunction with the AdvanceTrac® with RSC® (Roll Stability Control™) system to expand the vehicle's dynamic stability control capabilities, adding an additional layer of confidence and control while towing a trailer
- AdvanceTrac control module incorporates additional software to monitor the truck's performance while towing
- The added software measures the yaw motion of the truck to determine if the trailer is swaying and then responds to eliminate the sway condition by applying brake force to individual wheels, and if necessary, reducing engine power
- DRW models do not include all of the AdvanceTrac software, but do include a yaw motion sensor that works much the same way, sensing trailer sway and applying individual brakes or reducing power

#### MAKE THE POINT: Trailer Tow Packages

Roughly 95 percent of your Super Duty customers use their trucks for towing regularly, and the Trailer Tow Package is a great selling point. Be sure that your customers understand the towing capabilities of their vehicle and warn them against overloading. Explain that Dual Rear Wheel (DRW) vehicles are designed for greater towing stability, not necessarily for increased capacity. DRW models are especially useful for customers who want to tow a 5th-wheel trailer.

F-250/F-350/F-450  
SD Pickups

# F-250/F-350/F-450 Super Duty® Pickups

## Capability

- Trailer Brake Controller (TBC)
- Ford-tested TBC Compatibility
- Mirrors
- “Four-Wheel-Down”/Neutral/Rec. Towing
- Electric-Over-Hydraulic Trailer Brakes

### Outstanding Towing Features cont'd

#### Trailer Brake Controller (TBC)

- Factory installed and warranted by Ford Motor Company
- Fully integrated into the instrument panel and the truck's brake system
- Ensures smooth and effective trailer braking by powering the trailer's electric brakes with an output proportional to the towing vehicle's brake pressure
- The controller adapts output based on the status of the Anti-lock Braking System (ABS)
- When the ABS module senses the towing vehicle's brakes are approaching lockup, the controller's trailer braking strategy changes to compensate for traction conditions, reducing the risk of trailer brake lockup
- Provides instant visual and audible warnings in case of accidental trailer disconnect
- Includes the following user indicators in the Message Center:
  - Trailer connection indicator
  - GAIN setting display
  - OUTPUT bar graph
- Manual control lever and +/- (GAIN adjustment) buttons located on the instrument panel allow the trailer brakes to be manually applied and adjusted for optimum performance

**NOTE:** Ford Trailer Brake Controller (TBC) has verified compatibility with trailers (one to four axles) utilizing electrically actuated drum brakes and certain Electric-Over-Hydraulic (EOH) actuated drum or disc brake systems. See the chart below for Ford-verified brands and model numbers of TBC-compatible EOH brake systems. There may be other EOH brake systems not shown in the chart. Those systems have not been Ford compatibility-tested with the TBC and are not recommended for use. Ford TBC is not compatible with any trailer equipped with a surge-type brake system.

#### Ford-tested TBC Compatibility

Brand	Series	EOH Model Number
Dexter	DX	E/H 1000 (Drum) E/H 1600 (Disc)
BrakeRite	EHB	4822500 (Drum) 4813100 (Disc)
ActiBrake	AB-1	AB-1-8 (Drum) AB-1-14 (Disc) AB-1-16 (Heavy Duty)
HydraStar	HBA	HBA10 (Drum) HBA12 (Disc) HBA16 (Heavy Duty)
TowBrake	HD	HD3000

#### Mirrors

- Manual telescoping trailer tow mirrors with two-way fold feature and manual glass are standard on XL models
- Manual telescoping trailer tow mirrors with two-way fold feature and power, heated glass, heated convex spotter mirrors; integrated clearance lights and turn signals are standard on XLT and available on XL (as part of Power Equipment Group)
- PowerScope™ power-telescoping, power-folding trailer tow mirrors with power, heated glass, heated convex spotter mirrors and integrated clearance lights/turn signals are standard on Lariat, optional on XLT
- PowerScope power-telescoping, power folding trailer tow mirrors with power, heated glass, heated convex spotter mirrors, integrated clearance lights/turn signals and memory are standard on King Ranch, optional on Lariat

#### “Four-Wheel-Down”/Neutral/ Recreational Towing

- Some customers may want to know if it is possible to tow their Super Duty® Pickup with all four wheels on the ground. There are various terms for this capability, the most common of which is Neutral towing, also known as “four-wheel-down” or “flat” towing
- The **only** Super Duty Pickups that can be Neutral towed are those equipped with a manual 4x4 transfer case
- For specific towing methods or restrictions, be sure to consult the Super Duty Pickup Owner's Guide under Recreational Towing

#### ENGINEERING INSIGHT

##### Electric-Over-Hydraulic (EOH) Trailer Brakes

##### What are EOH Brakes?

- Electric-Over-Hydraulic trailer brakes, more commonly known as EOH, differ from the more common electric trailer brakes
- EOH brakes are operated by an electrically powered pump that pressurizes a hydraulic fluid reservoir
- The fluid reservoir pressurizes either a wheel cylinder (drum brakes) or a caliper (disc brakes) in much the same way a vehicle master cylinder applies pressure to the braking system

##### What You Should Know

- EOH trailer brakes are more expensive than electric trailer brakes, but offer benefits desirable to certain customers, including:
  - Smoother operation
  - More responsive/predictable braking
  - Compatible with operation in wet environments (such as boat trailers)
- The factory-installed TBC is already compatible with certain EOH systems in the trailer marketplace (see chart at left)
- EOH trailer brakes are becoming more common in the trailer marketplace, so be sure to determine if the customer uses an EOH-equipped trailer since the Ford TBC would be a strong sales advantage

# F-250/F-350/F-450 Super Duty® Pickups

## Capability

# 2011

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— 5th-wheel/Gooseneck Hitch Prep Package

### 5th-wheel/Gooseneck Hitch Prep Package (53W)

#### 5th-Wheel/Gooseneck Hitch

- **A 5th-wheel/gooseneck hitch is mounted in the pickup bed to put more of the trailer weight directly over the towing vehicle. The receiver centerline of the hitch should be mounted at least two inches forward from the rear axle of the truck chassis. This mounting location will distribute the king pin weight of the trailer for optimum load-carrying and sway-control performance. Care must be taken to maintain nominal clearance from the back of the cab to the front of the trailer during tight cornering or backing maneuvers. Failure to follow these recommendations can adversely affect the towing vehicle's steering, braking and handling characteristics**
- **Shorter pickup boxes, like the 6.75-foot box, provide less clearance between the cab and the 5th-wheel/gooseneck trailer compared to the 8.0-foot box. When selecting a trailer and tow vehicle, it's critical that this combination provide clearance between the cab and tow vehicle for turns up to and including 90 degrees. Failure to follow this recommendation could result in the trailer contacting the cab of the tow vehicle during tight turns that are typical during low speed parking and turning maneuvers. This contact could result in damage to the trailer and the tow vehicle**

#### Prep Package Contents

- New for 2011 and available on all models (6.75-foot box available November, 2010)
- Integrated (patent pending) frame-mounted crossmember that offers provisions for either type of hitch accessory kit
- Five laser-cut holes in pickup bed provide access to the 5th-wheel and gooseneck hitch attachment points
  - Attachment points are finished off with trim bezels and closeout covers
- 7-pin connector integrated into the pickup bed inner wall (driver side)

#### Selling Tip

Be sure to determine if a customer intends on using their current equipment since the hitch prep package may not be compatible with their current hitch or accessories. It's important to remember the gooseneck ball is not compatible with any current aftermarket hitches.

#### Key Benefits to the Prep Package

- Super Duty customers rely on their truck for its capability and are very knowledgeable about towing hitches and towing accessories — this package and the towing accessories are an opportunity for you to provide what they need right at the dealership
- Prep package is designed and built for Ford and is covered by the Ford Motor Company New Vehicle Limited Warranty for 3 years/36,000 miles
- Vehicle bed is prepped at the factory so there is less chance of corrosion to the bed compared to having the bed modified by an aftermarket installer
- Prep package can be installed from the factory and a hitch installed at a later time with no loss of pickup bed functionality

#### Prep Package Accessories

- The new 5th-wheel/Gooseneck Hitch Prep Package provides under-the-bed hardware, allowing the installation of select 5th-wheel or gooseneck hitches in the bed
- Two hitches will be available through Ford Custom Accessories and will be initially exclusive to Ford
- The 5th-wheel Hitch Kit will have a 25,000-lb. maximum gross trailer weight rating. (Always check the maximum vehicle tow rating for safety)
- The 25K Gooseneck Hitch Kit will have a patented "drop-in" 2 5/16" hitch ball that can be installed and removed from inside the bed
  - No more reaching into the wheelhousing to lock or unlock the ball
- Visit [accessories.dealerconnection.com](http://accessories.dealerconnection.com) for more information on other accessories such as lube plates, hitch locks and more

**NOTE:** See **eSourceBook** for additional 5th-wheel/Gooseneck Trail Hitch








Prep Package information, including a downloadable Prep Kit job aid.



# F-250/F-350/F-450 Super Duty® Pickups Wheels

- 17" Argent Painted Steel
- 17" Cast Aluminum 5-spoke
- 18" Cast Aluminum
- 18" Cast Aluminum 6-spoke
- 18" Aluminum
- 20" Premium Cast Aluminum

## F-250 SRW Pickup

Wheel	Ordering Code	XL	XLT	Lariat	King Ranch
17" Argent Painted Steel Wheel with Painted Hub Cover/ Center Ornament (17" x 7.5") 	64A	Standard	—	—	—
17" Cast Aluminum 5-spoke Wheel with Bright Hub Cover/ Center Ornament (17" x 7.5") 	64W	Optional	Standard	—	—
18" Cast Aluminum Wheel with Bright Hub Cover Center/ Center Ornament (18" x 8") 	648	—	Optional	—	—
18" Cast Aluminum 6-spoke with Bright Hub Cover Center/ Center Ornament (18" x 8") 	64C	—	—	Standard	—
18" Aluminum Wheel with King Ranch Logo Center Cap (18" x 8") 	—	—	—	—	Standard
20" Premium Cast Aluminum Wheel with Bright Hub Cover/ Center Ornament (20" x 8") 	642	—	Optional <sup>(1)</sup> (SuperCab and Crew Cab)	Optional <sup>(1)</sup> (SuperCab and Crew Cab)	—
20" Premium Cast Aluminum Wheel with King Ranch Hub Cover/Center Ornament (20" x 8") 	643	—	—	—	Optional <sup>(1)</sup>

— = Not available

(1) 4x4 diesel-equipped models only.

**NOTE:** See the latest Dealer Ordering Guide for wheel availability.



# F-250/F-350/F-450 Super Duty® Pickups







## Wheels

# 2011

ON THIS PAGE

- 17" Argent Painted Steel
- 17" Cast Aluminum 5-spoke
- 18" Argent Painted Steel
- 18" Cast Aluminum
- 18" Cast Aluminum 6-spoke
- 18" Aluminum

### F-350 SRW Pickup

Wheel		Ordering Code	XL	XLT	Lariat	King Ranch
17" Argent Painted Steel Wheel with Painted Hub Cover/ Center Ornament (17" x 7.5")		64A	Standard	—	—	—
17" Cast Aluminum 5-spoke Wheel with Bright Hub Cover/ Center Ornament (17" x 7.5")		64W	Optional	Standard	—	—
18" Argent Painted Steel Wheel with Painted Hub Cover/Center Ornament (18" x 7.5")		64F	Optional	—	—	—
18" Cast Aluminum Wheel with Bright Hub Cover/Center Ornament (18" x 8")		648	—	Optional	—	—
18" Cast Aluminum 6-spoke with Bright Hub Cover Center/ Center Ornament (18" x 8")		64C	—	—	Standard	—
18" Aluminum Wheel with King Ranch Logo Center Cap (18" x 8")		—	—	—	—	Standard

— = Not available

**NOTE:** See the latest Dealer Ordering Guide for wheel availability.



F-250/F-350/F-450  
SD Pickups



# F-250/F-350/F-450 Super Duty® Pickups Wheels

- 20" Premium Cast Aluminum
- 17" Argent Painted Steel
- 17" Forged Polished Aluminum
- 17" Forged Polished Aluminum/King Ranch
- 17" Stainless Steel

## F-350 SRW Pickup cont'd

Wheel	Ordering Code	XL	XLT	Lariat	King Ranch
20" Premium Cast Aluminum Wheel with Bright Hub Cover/Center Ornament (20" x 8") 	642	—	Optional <sup>(1)</sup> (SuperCab and Crew Cab)	Optional <sup>(1)</sup> (SuperCab and Crew Cab)	—
20" Premium Cast Aluminum Wheel with King Ranch Hub Cover/Center Ornament (20" x 8") 	643	—	—	—	Optional <sup>(1)</sup>

— = Not available

(1) 4x4 diesel-equipped models only.

**NOTE:** See the latest Dealer Ordering Guide for wheel availability.

## F-350/F-450 DRW Pickup

Wheel	Ordering Code	XL	XLT	Lariat	King Ranch
17" Argent Painted Steel Wheel (17" x 6.5") 	64K	Standard <b>F-350</b>	Standard <b>F-350</b>	—	—
17" Forged Polished Aluminum Wheel with Bright Hub Cover/Center Ornament (17" x 6.5") (Rear wheel shown) 	64J	Standard F-450 Optional F-350	Standard F-450 Optional <b>F-350</b>	Standard F-350/F-450	—
17" Forged Polished Aluminum Wheel with King Ranch Logo Center Cap (17" x 6.5") (Rear wheel shown) 	—	—	—	—	Standard
17" Stainless Steel Wheel Covers (Front and Rear) 	945	Optional	Optional	—	—

— = Not available

**NOTE:** See the latest Dealer Ordering Guide for wheel availability.

# F-250/F-350/F-450 Super Duty® Pickups

## Color and Trim

# 2011

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— Color and Trim Availability — Monotone  
— Color and Trim Availability — Two-Tone

### Color and Trim Availability — Monotone

Exterior Color	Order Code	XL	XLT		Lariat	
		Vinyl/Cloth	Cloth	Cloth	Leather	Leather
		Steel	Adobe	Steel	Adobe	Black
New Golden Bronze Metallic	V7		■		■	■
New Pale Adobe Metallic	LQ	■ <sup>(1)</sup>	■		■	■
New Tuxedo Black	UH	■	■	■	■	■
Dark Blue Pearl Metallic	DX	■		■		■
Forest Green Metallic	GG	■	■	■	■	■
Ingot Silver Metallic	UX	■		■		■
Oxford White	Z1	■	■	■	■	■
Royal Red Metallic	UK		■		■	■
Sterling Gray Metallic	UJ	■		■		■
Vermillion Red	F1	■	■	■	■	■
White Platinum Metallic Tri-coat	UG				■	■

(1) Fleet only.

### Color and Trim Availability — Two-Tone

Exterior Colors	Order Code	Lariat		King Ranch	
		Leather	Leather	Chaparral Leather	Chaparral Leather
		Adobe	Black	Adobe	Black
New Golden Bronze Metallic/New Pale Adobe Metallic	V7/LQ	■	■	■	■
New Tuxedo Black/New Pale Adobe Metallic	UH/LQ	■	■	■	■
New Tuxedo Black/Sterling Gray Metallic	UH/UJ		■		
Dark Blue Pearl Metallic/Sterling Gray Metallic	DX/UJ		■		
Forest Green Metallic/New Pale Adobe Metallic	GG/LQ	■	■	■	■
Forest Green Metallic/Sterling Gray Metallic	GG/UJ		■		
Ingot Silver Metallic/Sterling Gray Metallic	UX/UJ		■		
Oxford White/New Pale Adobe Metallic	Z1/LQ	■	■	■	■
Oxford White/Sterling Gray Metallic	Z1/UJ		■		
Royal Red Metallic/New Pale Adobe Metallic	UK/LQ	■	■	■	■
White Platinum Metallic Tri-coat/New Pale Adobe Metallic	UG/LQ	■	■	■	■

**F-250/F-350/F-450  
SD Pickups**

# F-250/F-350/F-450 Super Duty® Pickups

## Color and Trim

— Interior Trim

### Interior Trim

Interior Trim Type and Color Selector NOTE: First character denotes type, second character denotes color	Interior and Seat Color	Steel	Adobe
<b>XL</b> HD Vinyl 40/20/40 Split Bench with Center Armrest Cup Holder and Storage Cloth 40/20/40 Split Bench Vinyl 40/Mini-console/40 (Regular Cab only) Cloth 40/Mini-console/40		AS 1S LS 2S	
<b>XLT</b> Cloth 40/20/40 Split Bench, 20 percent Center Underseat Locking Storage, with Center Armrest, Cup Holder and Storage Cloth Luxury 40/Locking Console/40 with 6-way Power Driver (SuperCab and Crew Cab only; 4x4 requires ESOF, NA with Carpet delete)		3S 2S	3A 2A

Interior Trim Type and Color Selector NOTE: First character denotes type, second character denotes color	Interior and Seat Color	Adobe	Black
<b>Lariat</b> <b>Post October 3</b> — Front, Premium Leather Seating Surfaces, 40/Console/40, 10-way Power Driver and Passenger Seating <b>Post October 3</b> — Leather Seating Surfaces, 40/20/40 Split Bench, 10-way Power Driver and Passenger Seating		5A 6A	5B 6B

Interior Trim Type and Color Selector NOTE: First character denotes type, second character denotes color	Interior Environment	Adobe	Black
	Seat Color	Red/Maroon	
<b>King Ranch (17K)</b> Unique King Ranch Chaparral Leather Seating Surfaces, Front 40/Console/40 with matching 60/40 Rear Bench with Lockable Underseat Storage Partitioned with 12v Power Point, Dual Integrated Cup Holders in Armrest and 2 Outboard Head Restraints; 10-way Power, Memory and Heated/Cooled Driver and Passenger Seating		SA	SB

NOTE: See the 2011 Color &amp; Upholstery Album for available seating choices.

# F-250/F-350/F-450 Super Duty® Pickups

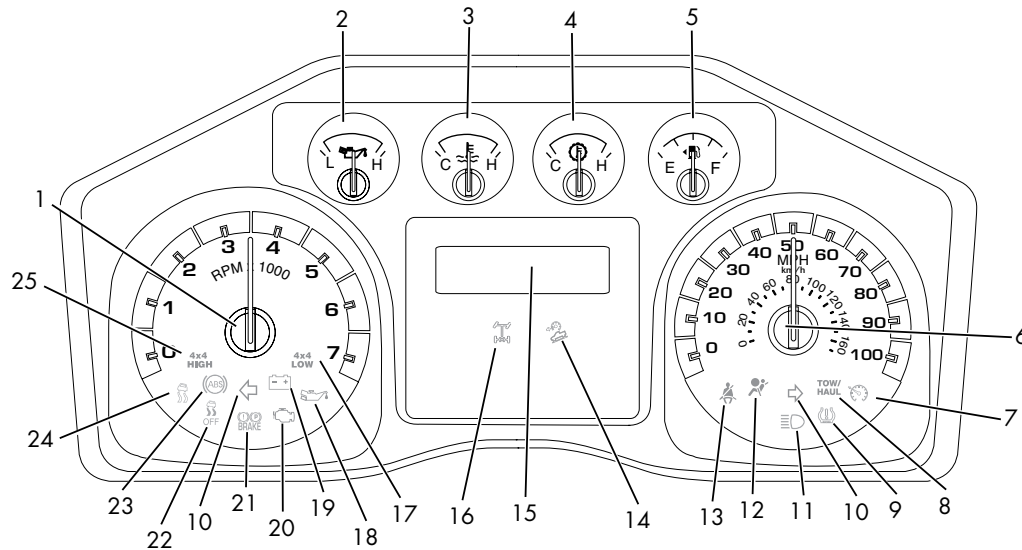
## Instrument Clusters

# 2011

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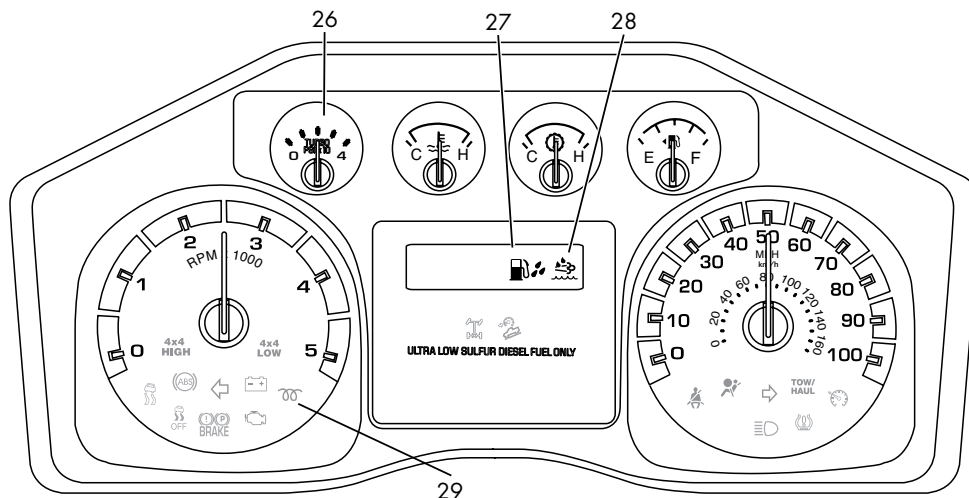
- Instrument Cluster — Standard
- Instrument Cluster — Diesel

### Instrument Cluster — Standard



- |   |   |   |
|---|---|---|
| 1. Tachometer                           | 13. Fasten safety belt warning light                              | 22. AdvanceTrac®/Traction control disabled indicator light    |
| 2. Engine oil pressure gauge            | 14. Hill Descent mode indicator light (if equipped)               | 23. Anti-lock Braking System (ABS) service light              |
| 3. Engine coolant temperature gauge     | 15. Message Center/odometer/trip odometer                         | 24. AdvanceTrac®/traction control active indicator light      |
| 4. Transmission fluid temperature gauge | 16. Electronic Locking Differential indicator light (if equipped) | 25. 4x4 HIGH indicator light                                  |
| 5. Fuel gauge                           | 17. 4x4 LOW indicator light                                       |   |
| 6. Speedometer                          | 18. Low engine oil pressure warning light                         | <b>Diesel engine only (see below)</b>                         |
| 7. Cruise control indicator light       | 19. Charging system warning light                                 | 26. Turbocharger boost gauge                                  |
| 8. Tow/Haul indicator light             | 20. Check engine warning light                                    | 27. Water in fuel warning light                               |
| 9. Low tire pressure warning light      | 21. Brake system warning light/parking brake indicator light      | 28. Low/contaminated Diesel Exhaust Fluid (DEF) warning light |
| 10. Turn signal indicators              |   | 29. Glow plug preheat indicator                               |
| 11. High-beam indicator                 |   |   |
| 12. Airbag service light                |   |   |

### Instrument Cluster — Diesel<sup>(1)</sup>

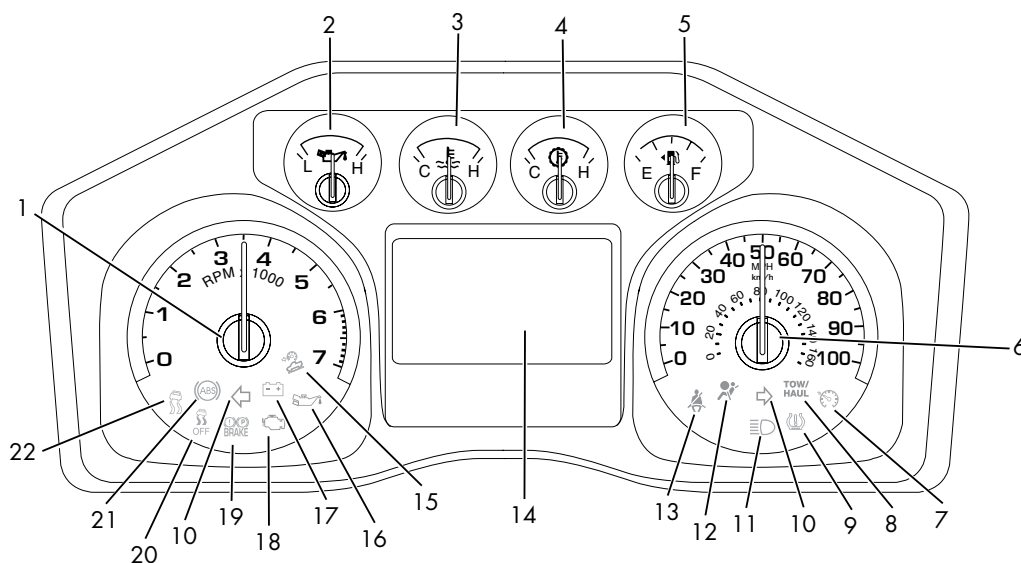


(1) If equipped.

# F-250/F-350/F-450 Super Duty® Pickups

## Instrument Clusters

### Instrument Cluster — Optional



- |  |   |  |
|--|---|--|
| 1. Tachometer                              | 11. High-beam indicator                                   | 19. Brake system warning light/<br>parking brake indicator light |
| 2. Engine oil pressure gauge               | 12. Airbag service light                                  | 20. AdvanceTrac®/Traction control<br>disabled indicator light    |
| 3. Engine coolant<br>temperature gauge     | 13. Fasten safety belt warning light                      | 21. Anti-lock Braking System (ABS)<br>service light              |
| 4. Transmission fluid<br>temperature gauge | 14. 4.2" Productivity Screen/<br>odometer/trip odometer   | 22. AdvanceTrac®/Traction control<br>active indicator light      |
| 5. Fuel gauge                              | 15. Hill Descent Control indicator<br>light (if equipped) |  |
| 6. Speedometer                             | 16. Low engine oil pressure<br>warning light              |  |
| 7. Cruise control indicator light          | 17. Charging system warning light                         |  |
| 8. Tow/Haul indicator light                | 18. Check engine warning light                            |  |
| 9. Low tire pressure warning light         |   |  |
| 10. Turn signal indicators                 |   |  |

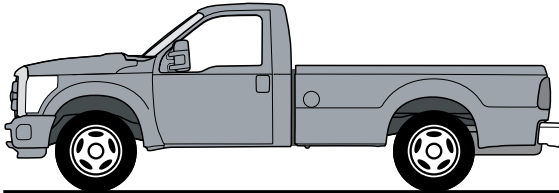
# F-250/F-350/F-450 Super Duty® Pickups

## Configurations

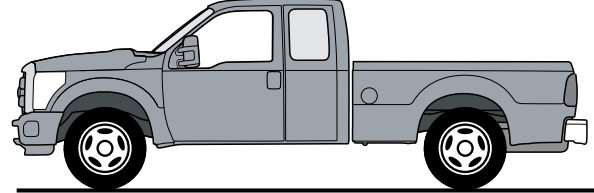
# 2011

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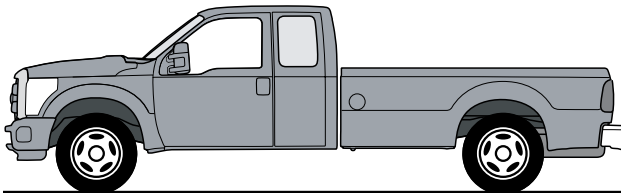
- Cab Configurations
- Super Duty® Pickup Lineup



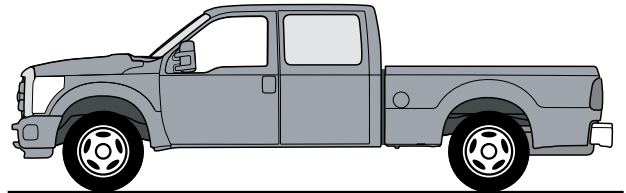
Regular Cab: 137.0" WB 4x2/137.0" WB 4x4



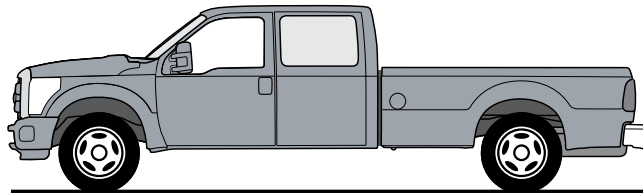
SuperCab SWB: 141.8" WB 4x2/141.8" WB 4x4



SuperCab LWB: 158.0" WB 4x2/158.0" WB 4x4



Crew Cab SWB: 156.2" WB 4x2/156.2" WB 4x4



Crew Cab LWB: 172.4" WB 4x2/172.4" WB 4x4

F-250/F-350/F-450  
SD Pickups

2011 F-250/F-350/F-450 Super Duty® Pickup Lineup

Model/ Cab	Drive	Wheelbase (in.)	Back-of- Cab-to-Rear Axle (in.)	Box Length (ft.)	Box Delete	SRW	DRW
<b>F-250</b>							
Regular Cab	4x2 4x4	137.0	56.3	8	X	X	—
SuperCab	4x2 4x4	141.8	40.0	6¾	—	X	—
SuperCab	4x2 4x4	158.0	56.2	8	X	X	—
Crew Cab	4x2 4x4	156.2	39.9	6¾	—	X	—
Crew Cab	4x2 4x4	172.4	56.3	8	X	X	—
<b>F-350</b>							
Regular Cab	4x2 4x4	137.0	56.3	8	X	X	X
SuperCab	4x2 4x4	141.8	40.0	6¾	—	X	—
SuperCab	4x2 4x4	158.0	56.2	8	X	X	X
Crew Cab	4x2 4x4	156.2	39.9	6¾	—	X	—
Crew Cab	4x2 4x4	172.4	56.3	8	X	X	X
<b>F-450</b>							
Crew Cab	4x4	172.4	56.3	8	—	—	X

X = Available — = Not available

July 2010

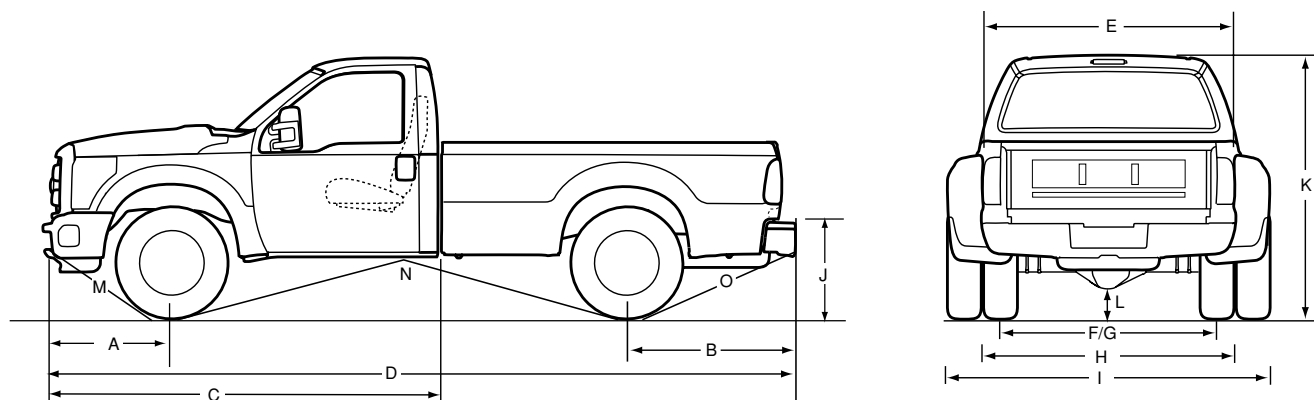
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RE&T: 2011 Source Book



# F-250/F-350/F-450 Super Duty® Pickups

## Dimensions



### Body Dimensions REGULAR CAB PICKUP

Super Duty® Series		F-250		F-350	
Drive		4x2	4x4	4x2	4x4
Wheelbase (in.)		137.0	137.0	137.0	137.0
Single/Dual Rear Wheel		SRW	SRW	SRW/DRW	SRW/DRW
Code	Description	Inches	Inches	Inches	Inches
A	Front Overhang Length	38.1	38.1	38.1	38.1
B	Rear Overhang Length	52.4	52.4	52.4	52.4
C	Front Bumper To Back Of Cab Length	118.9	118.9	118.9	118.9
D	Overall Length	227.6	227.6	227.6	227.6
E	Vehicle Width (excluding mirrors)	79.9	79.9	79.9/96.0	79.9/96.0
F	Front Track Width	68.3	68.3	68.3	68.3
G	Rear Track Width	67.2	67.2	67.2/—	67.2/—
H	Tire Center Width (DRW)	—	—	—/68.3	—/68.3
I	Tire Outside Width (DRW)	—	—	—/95.9	—/95.9
J	Open Tailgate To Ground Height (Empty) <sup>(1)</sup>	35.2	36.3	34.7/35.0	38.5/36.4
K	Cab Height (Empty) <sup>(1)</sup>	76.6	79.2	76.5/76.7	80.0/79.5
L	Minimum Running Ground Clearance	8.5	8.2	8.5/8.1	8.2/8.0
M	Approach Angle (Loaded) (Degrees)	18.0	19.4	18.1/18.2	18.8/19.2
N	Ramp Breakover Angle (Loaded) (Degrees)	17.5	20.4	17.2/17.5	21.5/20.4
O	Departure Angle (Loaded) (Degrees)	17.8	19.2	17.3/17.6	21.5/19.3

(1) Height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

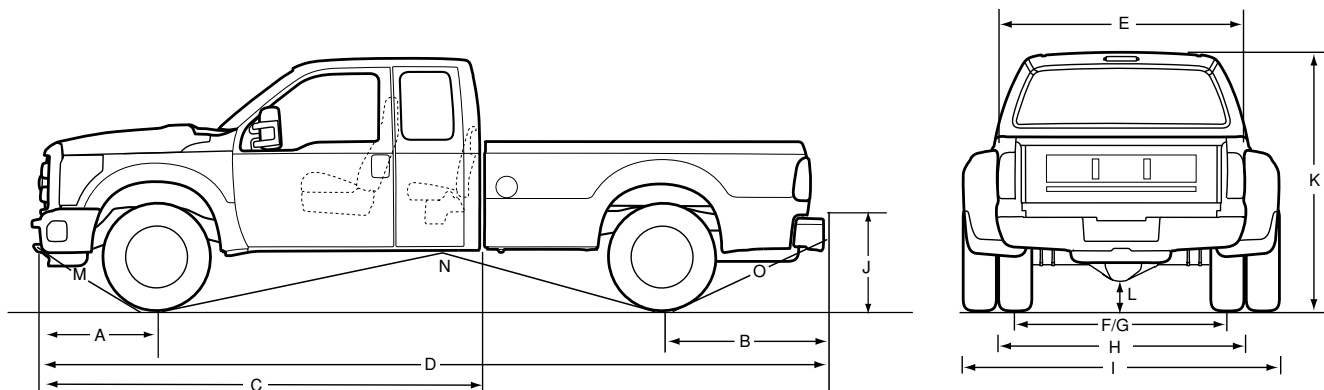
### FUEL TANK CAPACITY

137.0	Standard gasoline	Midship	35.0
	Standard diesel	Midship	26.0

# F-250/F-350/F-450 Super Duty® Pickups

## Dimensions cont'd

# 2011



### Body Dimensions (cont'd) SUPERCAB PICKUP

Super Duty® Series		F-250				F-350			
Drive		4x2		4x4		4x2		4x4	
Wheelbase (in.)		141.8	158.0	141.8	158.0	141.8	158.0	141.8	158.0
Single/Dual Rear Wheel		SRW	SRW	SRW	SRW	SRW	SRW/DRW	SRW	SRW/DRW
Code	Description	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches
A	Front Overhang Length	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
B	Rear Overhang Length	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
C	Front Bumper To Back Of Cab Length	139.8	139.8	139.8	139.8	139.8	139.8	139.8	139.8
D	Overall Length	232.4	248.6	232.4	248.6	232.4	248.6	232.4	248.6
E	Vehicle Width (excluding mirrors)	79.9	79.9	79.9	79.9	79.9	79.9/96.0	79.9	79.9/96.0
F	Front Track Width	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
G	Rear Track Width	67.2	67.2	67.2	67.2	67.2	67.2/—	67.2	67.2/—
H	Tire Center Width (DRW)	—	—	—	—	—	—/68.3	—	—/68.3
I	Tire Outside Width (DRW)	—	—	—	—	—	—/95.9	—	—/95.9
J	Open Tailgate To Ground Height (Empty) <sup>(1)</sup>	34.8	34.4	35.6	35.4	34.4	34.1/34.3	37.9	38.0/35.7
K	Cab Height (Empty) <sup>(1)</sup>	77.0	76.9	79.5	79.3	76.9	76.7/76.9	80.4	80.2/79.7
L	Minimum Running Ground Clearance	8.5	8.5	8.2	8.1	8.5	8.5/8.1	8.2	8.2/8.0
M	Approach Angle (Loaded) (Degrees)	18.1	18.7	20.1	20.0	18.2	18.8/19.0	19.5	19.3/20.6
N	Ramp Breakover Angle (Loaded) (Degrees)	16.9	15.8	19.8	18.1	16.7	15.6/15.9	20.9	19.2/18.6
O	Departure Angle (Loaded) (Degrees)	17.4	17.0	18.5	18.3	17.0	16.6/16.9	20.9	21.1/18.7

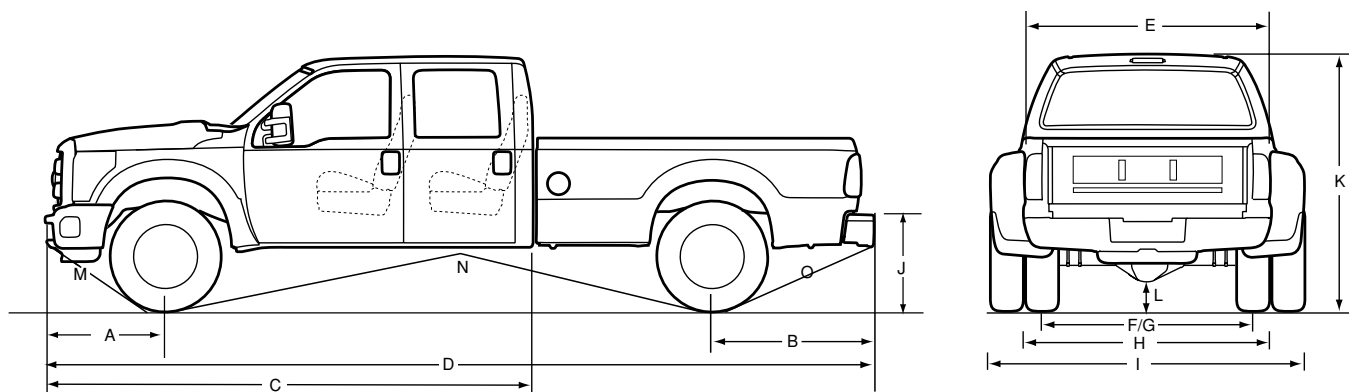
(1) Height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

### FUEL TANK CAPACITY

Wheelbase (in.)	Availability	Location	Capacity (gallons)
141.8	Standard gasoline	Midship	35.0
	Standard diesel	Midship	26.0
158.0	Standard gasoline	Midship	35.0
	Standard diesel	Midship	37.5

# F-250/F-350/F-450 Super Duty® Pickups

## Dimensions cont'd



### Body Dimensions (cont'd) CREW CAB PICKUP

Super Duty® Series		F-250		F-350		F-450	
Drive		4x2	4x4	4x2	4x4	4x2	4x4
Wheelbase (in.)		156.2	172.4	156.2	172.4	156.2	172.4
Single/Dual Rear Wheel		SRW	SRW	SRW	SRW	SRW/DRW	SRW/DRW
Code	Description	Inches	Inches	Inches	Inches	Inches	Inches
A	Front Overhang Length	38.1	38.1	38.1	38.1	38.1	38.1
B	Rear Overhang Length	52.4	52.4	52.4	52.4	52.4	52.4
C	Front Bumper To Back Of Cab Length	154.2	154.2	154.2	154.2	154.2	154.2
D	Overall Length	246.8	263.0	246.8	263.0	246.8	263.0
E	Vehicle Width (excluding mirrors)	79.9	79.9	79.9	79.9	79.9/96.0	79.9/96.0
F	Front Track Width	68.3	68.3	68.3	68.3	68.3	68.3
G	Rear Track Width	67.2	67.2	67.2	67.2	67.2/—	67.2/—
H	Tire Center Width (DRW)	—	—	—	—	—/68.3	—/68.3
I	Tire Outside Width (DRW)	—	—	—	—	—/95.9	—/95.9
J	Open Tailgate To Ground Height (Empty) <sup>(1)</sup>	34.2	34.1	35.1	35.0	33.9	33.8/34.1
K	Cab Height (Empty) <sup>(1)</sup>	77.4	77.3	79.7	79.8	77.2	77.2/77.3
L	Minimum Running Ground Clearance	8.5	8.5	8.1	8.1	8.5	8.5/8.0
M	Approach Angle (Loaded) (Degrees)	18.7	18.9	20.0	20.6	18.8	19.0/19.1
N	Ramp Breakover Angle (Loaded) (Degrees)	15.7	15.0	18.1	17.3	15.5	14.8/15.0
O	Departure Angle (Loaded) (Degrees)	16.7	16.7	18.0	17.9	16.4	16.3/16.7

(1) Height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

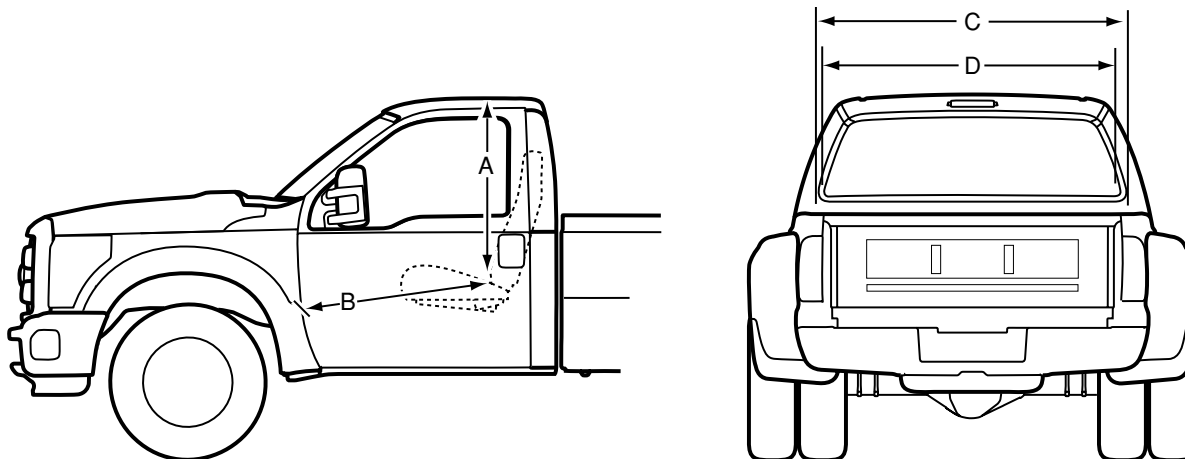
### FUEL TANK CAPACITY

Wheelbase (in.)	Availability	Location	Capacity (gallons)
156.2	Standard gasoline	Midship	35.0
	Standard diesel	Midship	26.0
172.4	Standard gasoline	Midship	35.0
	Standard diesel	Midship	37.5

# F-250/F-350/F-450 Super Duty® Pickups

# 2011

## Dimensions cont'd



### Body Dimensions (cont'd)

#### Cab Dimensions

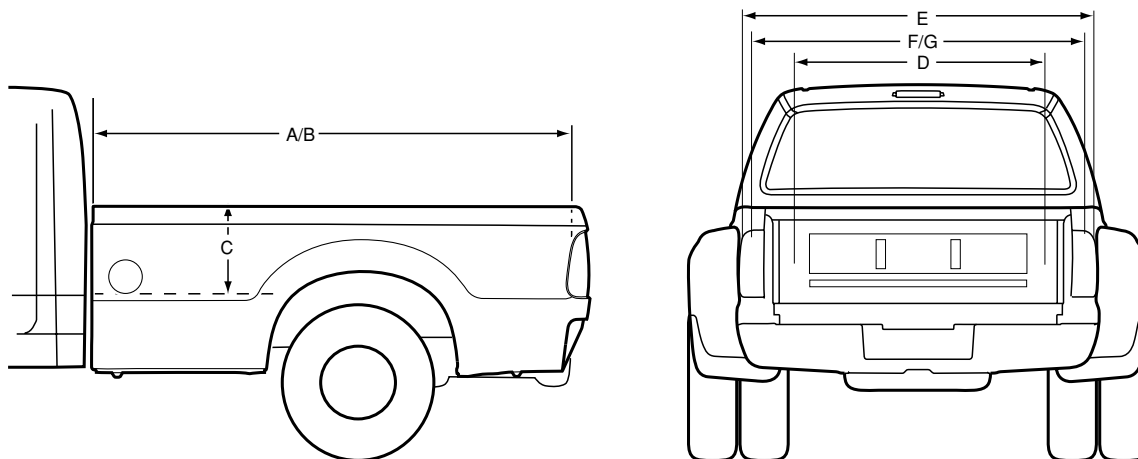
Cab Style	Regular Cab	SuperCab	Crew Cab
Interior Volumes (cu. ft.):			
Passenger (Front)	65.9	65.9	65.9
Passenger (Rear)	—	47.4	67.6
Total Passenger	65.9	113.3	133.5
Cargo (Rear Of Front Seat)	—	39.5	58.6
Code	Description	Inches	Inches
A	Head Room—Front/Rear	40.7/—	40.7/38.1
B	Leg Room—Front/Rear	41.1/—	41.1/31.6
C	Shoulder Room—Front/Rear	68.0/—	68.0/68.1
D	Hip Room—Front/Rear	67.6/—	67.6/67.3

F-250/F-350/F-450  
SD Pickups

2011

# F-250/F-350/F-450 Super Duty® Pickups

*Dimensions cont'd*



## Pickup Box Dimensions STYLESIDE PICKUP BOX

Nominal Box Size (ft.)		6.75	8
Rear Wheels		SRW	SRW/DRW
Cargo Volume (cu. ft.)		64.1	77.3
Code	Description	Inches	Inches
A	Cargo Length @ Floor	81.8	98.0
B	Cargo Length @ Top	80.1	96.3
C	Inside Height	20.0	20.0
D	Width Between Wheelhouses	50.9	50.9
E	Maximum Width @ Floor	69.3	69.3
F	Rear Opening Width @ Floor	60.6	60.6
G	Rear Opening Width @ Top	60.6	60.6

# F-250/F-350/F-450 Super Duty® Pickups

## Weight Ratings

# 2011

### F-250 Styleside Pickup/Pickup Box Delete<sup>(1)</sup> — GVWR/Payload/ARC/GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/WB (in.)	Engine/ Transmission	Max. GVWR (lbs.)	Max. Payload (lbs.) <sup>(2)</sup>	OPT/ARC Weight (lbs.) <sup>(3)</sup>	GAWR (lbs.) <sup>(4)</sup>		Front Snow- plow	Base Curb Weight (lbs.)		
					Front	Rear		Front	Rear	Total
Regular Cab	6.2L/Automatic	9800	<b>4080</b>	591/1912	3950	<b>6100</b>	—	<b>3327</b>	<b>2528</b>	<b>5855</b>
4x2 — 137.0	6.7L/Automatic	<b>10,000</b>	<b>3560</b>	593/ <b>1045</b>	4550	6100	—	<b>3924</b>	<b>2595</b>	<b>6519</b>
Regular Cab	6.2L/Automatic	<b>10,000</b>	<b>3760</b>	632/ <b>1358</b>	4400	6100	5600	<b>3727</b>	<b>2641</b>	<b>6368</b>
4x4 — 137.0	6.7L/Automatic	10,000	<b>3140</b>	652/ <b>563</b>	5200	6100	<b>6000</b>	<b>4275</b>	<b>2667</b>	<b>6942</b>
SuperCab	6.2L/Automatic	<b>9900</b>	<b>3790</b>	<b>719/1311</b>	<b>4250</b>	6100	—	<b>3472</b>	<b>2723</b>	<b>6195</b>
4x2 — 141.8	6.7L/Automatic	<b>10,000</b>	<b>3220</b>	<b>719/1303</b>	4700	6100	—	<b>4028</b>	<b>2833</b>	<b>6861</b>
SuperCab	6.2L/Automatic	<b>10,000</b>	<b>3800</b>	660/ <b>1412</b>	4400	6100	—	<b>3557</b>	<b>2729</b>	<b>6286</b>
4x2 — 158	6.7L/Automatic	10,000	<b>3070</b>	662/ <b>1349</b>	5000	6100	—	<b>4166</b>	<b>2839</b>	<b>7005</b>
SuperCab	6.2L/Automatic	<b>10,000</b>	<b>3460</b>	<b>754/850</b>	4800	6100	5600	<b>3830</b>	<b>2791</b>	<b>6621</b>
4x4 — 141.8	6.7L/Automatic	10,000	<b>2840</b>	<b>780/866</b>	5200	6100	6000	<b>4384</b>	<b>2853</b>	<b>7237</b>
SuperCab	6.2L/Automatic	<b>10,000</b>	<b>3350</b>	699/ <b>928</b>	4800	6100	<b>6000</b>	<b>3942</b>	<b>2789</b>	<b>6731</b>
4x4 — 158	6.7L/Automatic	10,000	<b>2670</b>	724/ <b>883</b>	5600	6100	6000	<b>4534</b>	<b>2875</b>	<b>7409</b>
Crew Cab	6.2L/Automatic	<b>10,000</b>	<b>3660</b>	<b>807/998</b>	4400	6100	—	<b>3589</b>	<b>2831</b>	<b>6420</b>
4x2 — 156.2	6.7L/Automatic	10,000	<b>3050</b>	<b>806/1052</b>	<b>5000</b>	6100	—	<b>4160</b>	<b>2865</b>	<b>7025</b>
Crew Cab	6.2L/Automatic	<b>10,000</b>	<b>3550</b>	748/ <b>1079</b>	4550	6100	—	<b>3695</b>	<b>2836</b>	<b>6531</b>
4x2 — 172.4	6.7L/Automatic	10,000	<b>2860</b>	748/ <b>1053</b>	5250	6100	—	<b>4300</b>	<b>2915</b>	<b>7215</b>
Crew Cab	6.2L/Automatic	<b>10,000</b>	<b>3250</b>	<b>840/552</b>	4800	6100	<b>6000</b>	<b>3951</b>	<b>2882</b>	<b>6833</b>
4x4 — 156.2	6.7L/Automatic	10,000	<b>2620</b>	<b>852/575</b>	5600	6100	6000	<b>4524</b>	<b>2932</b>	<b>7456</b>
Crew Cab	6.2L/Automatic	<b>10,000</b>	<b>3140</b>	783/635	5200	6100	6000	<b>4075</b>	<b>2865</b>	<b>6940</b>
4x4 — 172.4	6.7L/Automatic	10,000	<b>2400</b>	808/ <b>533</b>	5600	6100	6000	<b>4678</b>	<b>2997</b>	<b>7675</b>

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add **2** lbs. to the "Front" weight and subtract **547** lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add **547** lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

**NOTE:** Refer to page 68 for Standard Powertrain/Chassis Equipment Specifications.

**NOTE:** The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.



# F-250/F-350/F-450 Super Duty® Pickups

## Weight Ratings cont'd

### F-350 SRW Styleside Pickup/Pickup Box Delete<sup>(1)</sup> with 17" Tires/Wheels — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine/ Transmission	Maximum GVWR (lbs.) Std./Opt.	Maximum Payload (lbs.) <sup>(2)</sup> Std./Opt.	OPT/ ARC Weight (lbs.) <sup>(3)</sup>	Spring/GAWR (lbs.) <sup>(4)</sup>			Base Curb Weight (lbs.)		
					Front	Front Snow- plow	Rear	Front	Rear	Total
Regular Cab	6.2L/Automatic	10,000/10,000	<b>4160/4160</b>	591/1839	3950	—	6290	<b>3337</b>	<b>2591</b>	<b>5928</b>
4x2 — 137.0	6.7L/Automatic	10,500/10,000	<b>4010/3510</b>	593/974	4550	—	6290	<b>3924</b>	<b>2652</b>	<b>6576</b>
Regular Cab	6.2L/Automatic	10,400/10,000	<b>4060/3660</b>	632/ <b>1301</b>	4400	5600	6290	<b>3727</b>	<b>2698</b>	<b>6425</b>
4x4 — 137.0	6.7L/Automatic	10,800/10,000	<b>3850/3050</b>	652/ <b>475</b>	5200	6000	6290	<b>4285</b>	<b>2745</b>	<b>7030</b>
SuperCab	6.2L/Automatic	10,000/10,000	<b>3830/3830</b>	<b>718/1255</b>	<b>4250</b>	—	6290	<b>3472</b>	<b>2780</b>	<b>6252</b>
4x2 — 141.8	6.7L/Automatic	10,700/10,000	<b>3870/3170</b>	<b>721/1253</b>	4700	—	6290	<b>4028</b>	<b>2881</b>	<b>6909</b>
				<b>719/1255</b>						
SuperCab	6.2L/Automatic	10,200/10,000	<b>3940/3740</b>	660/ <b>1357</b>	4400	—	<b>6290</b>	<b>3555</b>	<b>2786</b>	<b>6341</b>
4x2 — 158	6.7L/Automatic	10,800/10,000	<b>3840/3040</b>	662/1311	5000	—	6290	<b>4166</b>	<b>2877</b>	<b>7043</b>
SuperCab	6.2L/Automatic	10,500/10,000	<b>3920/3420</b>	<b>754/805</b>	4800	<b>6000</b>	6290	<b>3818</b>	<b>2848</b>	<b>6666</b>
4x4 — 141.8	6.7L/Automatic	11,100/10,000	<b>3860/2760</b>	<b>779/784</b>	5200	6000	6290	<b>4379</b>	<b>2941</b>	<b>7320</b>
SuperCab	6.2L/Automatic	10,700/10,000	<b>4010/3310</b>	699/ <b>890</b>	4800	<b>6000</b>	6290	<b>3942</b>	<b>2827</b>	<b>6769</b>
4x4 — 158	6.7L/Automatic	11,200/10,000	<b>3830/2630</b>	<b>724/845</b>	5600	6000	6290	<b>4534</b>	<b>2913</b>	<b>7447</b>
Crew Cab	6.2L/Automatic	10,200/10,000	<b>3820/3620</b>	<b>805/953</b>	4400	—	6290	<b>3589</b>	<b>2878</b>	<b>6467</b>
4x2 — 156.2				<b>807/951</b>						
	6.7L/Automatic	10,800/10,000	<b>3820/3020</b>	<b>806/1014</b>	<b>5000</b>	—	6290	<b>4160</b>	<b>2903</b>	<b>7063</b>
Crew Cab	6.2L/Automatic	10,500/10,000	<b>4000/3500</b>	748/ <b>1022</b>	4550	—	6290	<b>3695</b>	<b>2893</b>	<b>6588</b>
4x2 — 172.4	6.7L/Automatic	11,100/10,000	<b>3920/2820</b>	748/ <b>1015</b>	5250	—	6290	<b>4300</b>	<b>2953</b>	<b>7253</b>
Crew Cab	6.2L/Automatic	10,600/10,000	<b>3810/3210</b>	<b>840/515</b>	4800	<b>6000</b>	6290	<b>3951</b>	<b>2919</b>	<b>6870</b>
4x4 — 156.2				<b>841/514</b>						
	6.7L/Automatic	11,200/10,000	<b>3780/2580</b>	<b>864/525</b>	5600	6000	6290	<b>4524</b>	<b>2970</b>	<b>7494</b>
Crew Cab	6.2L/Automatic	10,800/10,000	<b>3910/3110</b>	784/601	5200	6000	6290	<b>4066</b>	<b>2907</b>	<b>6973</b>
4x4 — 172.4				783/602						
	6.7L/Automatic	11,200/10,000	<b>3560/2360</b>	<b>808/495</b>	5600	6000	6290	<b>4678</b>	<b>3035</b>	<b>7713</b>

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add **2** lbs. to the "Front" weight and subtract **547** lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add **547** lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

**NOTE:** Refer to page 69 for Standard Powertrain/Chassis Equipment Specifications.

**NOTE:** The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

# F-250/F-350/F-450 Super Duty® Pickups

## Weight Ratings cont'd

# 2011

### F-350 SRW 4x2 Styleside Pickup/Pickup Box Delete<sup>(1)</sup> with 18" Tires/Wheels- GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine/ Transmission	Maximum GVWR (lbs.) Std./Opt.	Maximum Payload (lbs.) <sup>(2)</sup> Std./Opt.	OPT/ ARC Weight (lbs.) <sup>(3)</sup>	Spring/GAWR (lbs.) <sup>(4)</sup>			Base Curb Weight (lbs.)		
					Front	Front Snow- plow	Rear	Front	Rear	Total
Regular Cab	6.2L/Automatic	10,500	4600	591/1764	4100	—	6730	3364	2639	6003
4x2 — 137.0	6.7L/Automatic	11,000	4450	593/913	4550	—	6730	3951	2700	6651
SuperCab	6.2L/Automatic	10,500	4270	718/1180	4250	—	6730	3499	2828	6327
4x2 — 141.8	6.7L/Automatic	11,000	4110	719/1180	4850	—	6730	4055	2929	6984
SuperCab	6.2L/Automatic	10,900	4590	660/1292	4400	—	6730	3576	2830	6406
4x2 — 158	6.7L/Automatic	11,500	4470	662/1236	5250	—	6730	4198	2920	7118
Crew Cab	6.2L/Automatic	10,700	4260	805/878	4400	—	6730	3614	2928	6542
4x2 — 156.2	6.7L/Automatic	11,400	4350	806/939	5000	—	6730	4187	2951	7138
Crew Cab	6.2L/Automatic	11,000	4430	747/748	4700	—	6730	3722	2941	6663
4x2 — 172.4	6.7L/Automatic	11,500	4260	748/940	5250	—	6730	4327	3001	7328

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add **2** lbs. to the "Front" weight and subtract **547** lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add **547** lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

**NOTE:** Refer to page 69 for Standard Powertrain/Chassis Equipment Specifications.

**NOTE:** The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

# F-250/F-350/F-450 Super Duty® Pickups

## Weight Ratings cont'd

### F-350 SRW 4x4 Styleside Pickup/Pickup Box Delete<sup>(1)</sup> with 18" All-Season Tires/Wheels-GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine/ Transmission	Maximum GVWR (lbs.) Std./Opt.	Maximum Payload (lbs.) <sup>(2)</sup> Std./Opt.	OPT/ ARC Weight (lbs.) <sup>(3)</sup>	Spring/GAWR (lbs.) <sup>(4)</sup>			Base Curb Weight (lbs.)		
					Front	Front Snow- plow	Rear	Front	Rear	Total
Regular Cab	6.2L/Automatic	<b>10,500</b>	<b>4100</b>	<b>632/1226</b>	4400	5600	6730	<b>3754</b>	<b>2746</b>	<b>6500</b>
4x4 — 137.0	6.7L/Automatic	<b>11,000</b>	<b>3990</b>	<b>652/401</b>	5200	6000	6730	<b>4312</b>	<b>2792</b>	<b>7104</b>
SuperCab	6.2L/Automatic	<b>10,600</b>	<b>3940</b>	<b>754/720</b>	<b>4800</b>	<b>6000</b>	6730	<b>3855</b>	<b>2896</b>	<b>6751</b>
4x4 — 141.8	6.7L/Automatic	<b>11,200</b>	<b>3900</b>	<b>780/715</b>	5200	6000	6730	<b>4401</b>	<b>2987</b>	<b>7388</b>
SuperCab	6.2L/Automatic	<b>10,800</b>	<b>4050</b>	<b>699/815</b>	<b>4800</b>	<b>6000</b>	6730	<b>3969</b>	<b>2875</b>	<b>6844</b>
4x4 — 158	6.7L/Automatic	<b>11,300</b>	<b>3870</b>	<b>724/770</b>	5600	6000	6730	<b>4561</b>	<b>2961</b>	<b>7522</b>
Crew Cab	6.2L/Automatic	<b>10,800</b>	<b>3950</b>	<b>840/440</b>	4800	<b>6000</b>	6730	<b>3978</b>	<b>2967</b>	<b>6945</b>
4x4 — 156.2	6.7L/Automatic	<b>11,300</b>	<b>3820</b>	<b>864/450</b>	5600	6000	6730	<b>4551</b>	<b>3018</b>	<b>7569</b>
Crew Cab	6.2L/Automatic	<b>11,000</b>	<b>4040</b>	<b>796/514</b>	5200	6000	6730	<b>4093</b>	<b>2955</b>	<b>7048</b>
4x4 — 172.4	6.7L/Automatic	<b>11,300</b>	<b>3600</b>	<b>808/420</b>	5600	6000	6730	<b>4705</b>	<b>3083</b>	<b>7788</b>

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add **2** lbs. to the "Front" weight and subtract **547** lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add **547** lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

**NOTE:** Refer to page 69 for Standard Powertrain/Chassis Equipment Specifications.

**NOTE:** The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

# F-250/F-350/F-450 Super Duty® Pickups

## Weight Ratings cont'd

# 2011

### F-350 SRW 4x4 Styleside Pickup/Pickup Box Delete<sup>(1)</sup> with 18" (inc. 20" with Diesel) All-Terrain Tires/Wheels-GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine/ Transmission	Maximum GVWR (lbs.) Std./Opt.	Maximum Payload (lbs.) <sup>(2)</sup> Std./Opt.	OPT/ ARC Weight (lbs.) <sup>(3)</sup>	Spring/GAWR (lbs.) <sup>(4)</sup>			Base Curb Weight (lbs.)		
					Front	Front Snow- plow	Rear	Front	Rear	Total
Regular Cab	6.2L/Automatic	<b>11,100</b>	<b>4670</b>	<b>632/1201</b>	4400	5600	7000	<b>3763</b>	<b>2762</b>	<b>6525</b>
4x4 — 137.0	6.7L/Automatic	<b>11,500</b>	<b>4500</b>	<b>652/415</b>	<b>5200</b>	6000	7000	<b>4321</b>	<b>2808</b>	<b>7129</b>
SuperCab	6.2L/Automatic	<b>11,100</b>	<b>4430</b>	<b>754/705</b>	4800	<b>6000</b>	7000	<b>3854</b>	<b>2912</b>	<b>6766</b>
4x4 — 141.8	6.7L/Automatic	<b>11,500</b>	<b>4180</b>	<b>779/691</b>	5200	6000	7000	<b>4415</b>	<b>2998</b>	<b>7413</b>
SuperCab	6.2L/Automatic	<b>11,000</b>	<b>4230</b>	<b>699/790</b>	<b>5200</b>	<b>6000</b>	7000	<b>3978</b>	<b>2891</b>	<b>6869</b>
4x4 — 158	6.7L/Automatic	<b>11,500</b>	<b>4040</b>	<b>724/745</b>	5600	6000	7000	<b>4570</b>	<b>2977</b>	<b>7547</b>
Crew Cab	6.2L/Automatic	<b>11,300</b>	<b>4420</b>	<b>840/415</b>	4800	<b>6000</b>	7000	<b>3987</b>	<b>2983</b>	<b>6970</b>
4x4 — 156.2	6.7L/Automatic	<b>11,500</b>	<b>3990</b>	<b>864/425</b>	5600	6000	7000	<b>4560</b>	<b>3034</b>	<b>7594</b>
Crew Cab	6.2L/Automatic	<b>11,200</b>	<b>4220</b>	<b>796/489</b>	5200	<b>6000</b>	7000	<b>4102</b>	<b>2971</b>	<b>7073</b>
4x4 — 172.4	6.7L/Automatic	<b>11,500</b>	<b>3770</b>	<b>808/395</b>	<b>6000</b>	6000	7000	<b>4714</b>	<b>3099</b>	<b>7813</b>

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add **2** lbs. to the "Front" weight and subtract **547** lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add **547** lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

**NOTE:** Refer to page 69 for Standard Powertrain/Chassis Equipment Specifications.

**NOTE:** The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

# F-250/F-350/F-450 Super Duty® Pickups

## Weight Ratings cont'd

### F-350 DRW Styleside Pickup/Pickup Box Delete<sup>(1)</sup> — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected)/Base Curb Weight

Spring/GAWR (lbs.) <sup>(4)</sup>								Base Curb Weight (lbs.)		
Cab Style/ Drive/ WB (in.)	Engine/ Transmission	Maximum GVWR (lbs.)	Maximum Payload (lbs.) <sup>(2)</sup>	OPT/ ARC Weight (lbs.) <sup>(3)</sup>	Front	Front Snow- plow	Rear	Front	Rear	Total
Regular Cab	6.2L/Automatic	13,300	7070	583	4100	—	9500	3388	2981	6369
4x2 — 137.0	6.7L/Automatic	13,300	6440	585	4700	—	9000	3963	3037	7000
Regular Cab	6.2L/Automatic	13,300	6580	585	4800	5600	9100	3771	3086	6857
4x4 — 137.0	6.7L/Automatic	13,300	5970	588	5200	6000	9000	4329	3132	7461
SuperCab	6.2L/Automatic	13,300	6640	658	4550	—	9100	3610	3185	6795
4x2 — 158	6.7L/Automatic	13,300	5900	660	5250	—	9000	4217	3314	7531
SuperCab	6.2L/Automatic	13,300	6190	660	5200	6000	9000	3983	3259	7242
4x4 — 158	6.7L/Automatic	13,300	5500	663	5600	6000	9000	4585	3345	7930
Crew Cab 4x2	6.2L/Automatic	13,300	6400	741	4700	—	9000	3750	3289	7039
— 172.4	6.7L/Automatic	13,300	5700	741	5250	—	9000	4345	3388	7733
Crew Cab 4x4	6.2L/Automatic	13,300	5970	744	5200	6000	9000	4116	3343	7459
— 172.4	6.7L/Automatic	13,300	5220	742	6000	6000	9000	4733	3470	8203
Crew Cab 4x4 — 172.4	6.7L/Automatic	13,000	5300	—	6000	6000	9000	4735	2880	7615
Box Delete										

#### Box Delete

- (1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add **2** lbs. to the "Front" weight and subtract **588** lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.
- (2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.
- (3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add **588** lbs. Please also refer to footnote 1.
- (4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

**NOTE:** Refer to page 70 for Standard Powertrain/Chassis Equipment Specifications.

**NOTE:** The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

# F-250/F-350/F-450 Super Duty® Pickups

## Weight Ratings cont'd

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### F-450 DRW Styleside Pickup – GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except With Snowplow)/Base Curb Weight

					Spring/GAWR (lbs.) <sup>(3)</sup>			Base Curb Weight (lbs.)		
Cab Style/ Drive/ WB (in.)	Engine/ Transmission	Maximum GVWR (lbs.)	Maximum Payload (lbs.) <sup>(1)</sup>	OPT/ ARC Weight (lbs.) <sup>(2)</sup>	Front	Front Snow- plow	Rear	Front	Rear	Total
Crew Cab 4x4 — 172.4	6.7L/Automatic	13,300	5200	739/0	6000	6000	9000	4758	3412	8170

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(2) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated.

(3) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

**NOTE:** Refer to page 71 for Standard Powertrain/Chassis Equipment Specifications.

**NOTE:** The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x4 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.



# F-250/F-350/F-450 Super Duty® Pickups

## Standard Powertrain/Chassis Equipment Specifications

### F-250 Styleside Pickup/Pickup Box Delete<sup>(1)</sup>

DRIVE:		4x2	4x4
POWERTRAIN:		Refer to the Ordering Guide For 50-States Usage	
Engine	— Type	6.2L (379CID) 2-valve V8 SOHC Gas (E85-Flex Fuel)	
Transmission	— Type	Automatic	
	— Speeds	6-Speed SelectShift with Tow/Haul Mode	
Transfer Case	— Type	—	Part-Time, 2-Speed
	— Low/High Gear Ratio	—	2.72:1/1.00:1
AXLES:			
Front Axle	— Type	Twin I-Beam IFS, Ford	Monobeam, Dana 60
	— Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	— Hubs Type	—	Manual Locking
Rear Axle	— Type— Full-Floating	Ford Sterling	Full Float Beam 10.5"
	— Capacity (Rating @ Ground)	6200 lbs.	
BRAKES:			
Front/Rear Disc	— Type	Dual-Piston Pin-Slider Calipers, Bolt-on Adapters, Wrap-around Tie Bars	
	— Rotor Diameter— Front/Rear	13.66"/13.39"	
Power Assist Unit	— Type	Vacuum Boost	
	— Effective Diameter	10" (1.56" Power Piston with 6.7L V8 Diesel)	
Anti-Lock System		4-Wheel (4-Channel) with RSC®	
Parking Brake (Rear Brakes)		8.1" Drum-In-Hat (Foot-Operated, Hand Release)	
ELECTRICAL:			
Alternator	— Rating	157 Amperes, 2100 Watt (single 200-amp or dual-combined 357-amp option with 6.7L V8 diesel)	
Battery	— Type	Maintenance-Free	
	— Rating	72 amp.-hr., 650 CCA (gas), 12-volt; dual 78 amp.-hr., 750 CCA with 6.7L Diesel)	
Harnesses	— Type	Trailer 7/4-Wire Harness And Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
FUEL TANK:	— Capacity	Gasoline: 35 gallon (137.0", 141.8", 156.2", 158.0" and 172.4" Wheelbase Diesel: 26 gallon (137.0", 141.8" and 156.2" Wheelbase) 37.5 gallon (158.0" and 172.4" Wheelbase)	
JACK:	— Capacity	2 Ton	
STEERING:	— Type	Power, Ford XR-51 (Includes Steering Damper)	
	— Ratio	20.49:1 (4x2); 20.41:1 (4x4)	
SUSPENSION:			
Frame	— Type	Ladder Type, 36,000 psi Steel; Rear rails are upfit friendly open C-channel construction	
	— Section Modulus (cu. in.)	6.7	
Springs, Front	— Type	Coil, Computer Selected	
	— Rating @ Ground (min.)	Refer to page 61 for usage and ratings	
Springs, Rear	— Type	Leaf, Two-Stage Variable Rate Main, Optional Leaf, Two-Stage Variable Rate Main Plus Auxiliary	
	— Rating @ Ground (min.)	Refer to page 61 for usage and ratings	
Shock Absorbers	— Gas-Type	1.38"	
Stabilizer Bar		Front 33mm	Front 28mm
TIRES:	— Type	Steel-Belted Radial, All-Season, BSW	
	— Size	Refer to tire specifications section	
	— Spare Tire Carrier	Rear Underframe, Crank Down Type (Includes Lock)	
WHEELS:	— Type and Size	Five, 8-Hole Disc, 17" x 7.5"J Steel	

(1) Available with Regular Cab, 158" WB SuperCab and 172.4" WB Crew Cab with 6.2L. Pickup Box Delete Option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

**NOTE:** Refer to page 61 for Standard and Optional Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

# F-250/F-350/F-450 Super Duty® Pickups

# 2011

## Standard Powertrain/Chassis Equipment Specifications cont'd

### F-350 SRW Styleside Pickup/Pickup Box Delete<sup>(1)</sup>

<b>DRIVE:</b>		<b>4x2</b>	<b>4x4</b>
<b>POWERTRAIN:</b>		Refer to the Ordering Guide For 50-States Usage	
Engine	— Type	6.2L (379CID) 2-valve V8 SOHC Gas (E85-Flex Fuel)	
Transmission	— Type	Automatic	
	— Speeds	6-Speed SelectShift with Tow/Haul Mode	
Transfer Case	— Type	—	Part-Time, 2-Speed
	— Low/High Gear Ratio	—	2.72:1/1.00:1
<b>AXLES:</b>			
Front Axle	— Type	Twin I-Beam IFS, Ford	Monobeam, Dana 60
	— Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	— Hubs Type	—	Manual Locking
Rear Axle	— Type—Full-Floating	Ford Sterling	
	— Capacity (Rating @ Ground)	7280 lbs.	
<b>BRAKES:</b>			
Front/Rear Disc	— Type	Dual-Piston Pin-Slider Calipers, Bolt-on Adapters, Wrap-around Tie Bars	
	— Rotor Diameter—Front/Rear	13.66"/13.39"	
Power Assist Unit	— Type	Vacuum Boost (gas) (Hydro-Boost with 6.7L V8 Diesel)	
	— Effective Diameter	10.0" (1.56" Power Piston with 6.7L V8 Diesel)	
Anti-Lock System		4-Wheel (4-Channel) with RSC®	
Parking Brake (Rear Brakes)		8.1" Drum-In-Hat (Foot-Operated, Hand Release)	
<b>ELECTRICAL:</b>			
Alternator	— Rating	157 Amperes, 2100 Watt (single 200-amp or dual combined 357-amp option with 6.7L V8 Diesel)	
Battery	— Type	Maintenance-Free	
	— Rating	72 amp.-hr., 650 CCA (gas), 12-volt; dual 78 amp.-hr., 750 CCA With 6.7L Diesel)	
Harnesses	— Type	Trailer 7/4-Wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
<b>FUEL TANK:</b>	— Capacity	Gasoline: 35 gallon (137.0", 141.8", 156.2", 158.0" and 172.4" Wheelbase Diesel: 26 gallon (137.0", 141.8" and 156.2" Wheelbase) 37.5 gallon (158.0" and 172.4" Wheelbase)	
<b>JACK:</b>	— Capacity	2 Ton	
<b>STEERING:</b>	— Type	Power, Ford XR-51 (Includes Steering Damper)	
	— Ratio	20.49:1 (4x2); 20.41:1 (4x4)	
<b>SUSPENSION:</b>			
Frame	— Type	Ladder Type, 36,000 psi Steel; Rear rails are upfit friendly open C-channel construction	
	— Section Modulus (cu. in.)	6.7	
Springs, Front	— Type	Coil, Computer Selected	
	— Rating @ Ground (min.)	Refer to pages 62–65 for usage and ratings	
Springs, Rear	— Type	Leaf, Two-Stage Variable Rate Main Plus Auxiliary	
	— Rating @ Ground (min.)	Refer to pages 62–65 for usage and ratings	
Shock Absorbers	— Gas-Type	1.38"	
Stabilizer Bar		Front 33mm	Front 28mm
<b>TIRES:</b>	— Type	Steel-Belted Radial, All-Season, BSW	
	— Size	Refer to tire specifications section	
	— Spare Tire Carrier	Rear Underframe, Crank Down Type (Includes Lock)	
<b>WHEELS:</b>	— Type and Size	Five, 8-Hole Disc, 17" x 7.5"J Steel	

(1) Available with Regular Cab, 158" WB SuperCab and 172.4" WB Crew Cab only. Pickup Box Delete Option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

**NOTE:** Refer to pages 62–65 for Standard and Optional Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

# F-250/F-350/F-450 Super Duty® Pickups

## Standard Powertrain/Chassis Equipment Specifications cont'd

### F-350 DRW Styleside Pickup/Pickup Box Delete<sup>(1)</sup>

<b>DRIVE:</b>		<b>4x2</b>	<b>4x4</b>
<b>POWERTRAIN:</b>		Refer to the Ordering Guide For 50-States Usage	
Engine	— Type	6.2L (379CID) 2-valve V8 SOHC Gas (E85-Flex Fuel)	
Transmission	— Type	TorqShift™ Automatic	
	— Speeds	6-Speed SelectShift with Tow/Haul Mode	
Transfer Case	— Type	—	Part-Time, 2-Speed
	— Low/High Gear Ratio	—	2.72:1/1.00:1
<b>AXLES:</b>			
Front Axle	— Type	Twin I-Beam IFS, Ford	Monobeam, Dana 60
	— Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	— Hubs Type	—	Manual Locking
Rear Axle	— Type — Full-Floating	Dana <b>Model 80</b>	
	— Capacity (Rating @ Ground)	<b>9650</b> lbs.	
<b>BRAKES:</b>			
Front/Rear Disc	— Type	Dual-Piston Pin-Slider Calipers, Bolt-on Adapters, Wrap-around Tie Bars	
	— Rotor Diameter — Front/Rear	13.66"/13.39"	
Power Assist Unit	— Type	Hydro-Boost	
	— Effective Diameter	1.56" Power Piston	
Anti-Lock System		4-Wheel (3-Channel)	
Parking Brake (Rear Brakes)		8.1" Drum-In-Hat (Foot-Operated, Hand Release)	
<b>ELECTRICAL:</b>			
Alternator	— Rating	157 Amperes, 2100 Watt (single 200-amp or dual-combined 357-amp option with 6.7L V8 diesel)	
Battery	— Type	Maintenance-Free	
	— Rating	72 amp.-hr., 650 CCA (gas), 12-volt; dual 78 amp.-hr., 750 CCA With 6.7L V8 Diesel)	
Harnesses	— Type	Trailer 7/4-Wire Harness And Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
<b>FUEL TANK:</b>	— Capacity	Gasoline: 35 gallon (137.0", 141.8", 156.2", 158.0" and 172.4" Wheelbase) Diesel: 26 gallon (137.0", 141.8" and 156.2" Wheelbase) 37.5 gallon (158.0" and 172.4" Wheelbase)	
<b>JACK:</b>	— Capacity	4 Ton	
<b>STEERING:</b>	— Type	Power, Ford XR-51 (Includes Steering Damper)	
	— Ratio	20.49:1 (4x2); 20.41:1 (4x4)	
<b>SUSPENSION:</b>			
Frame	— Type	Ladder Type, 36,000 psi Steel; Rear rails are upfit friendly open C-channel construction	
	— Section Modulus (cu. in.)	6.7	
Springs, Front	— Type	Coil, Computer Selected	
	— Rating @ Ground (min.)	Refer to page 66 for usage and ratings	
Springs, Rear	— Type	Leaf, Two-Stage Variable Rate Main Plus Auxiliary	
	— Rating @ Ground (min.)	Refer to page 66 for usage and ratings	
Shock Absorbers	— Gas-Type	1.38"	
Stabilizer Bar		Front 24mm/Rear 22mm	Front 24mm/Rear 22mm
<b>TIRES:</b>	— Type	Steel-Belted Radial, All-Season, BSW	
	— Size	Refer to tire specifications sections	
	— Spare Tire Carrier	Rear Underframe, Crank Down Type (Includes Lock)	
<b>WHEELS:</b>	— Type and Size	Seven, 8-Hole Disc, 17" x 6.5" J Steel	

(1) Available with Regular Cab, 158" WB SuperCab and 172.4" WB Crew Cab only. Pickup Box Delete Option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

**NOTE:** Refer to page 66 for Standard and Optional Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

# F-250/F-350/F-450 Super Duty® Pickups

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## Standard Powertrain/Chassis Equipment Specifications cont'd

### F-450 DRW Styleside Pickup

<b>DRIVE:</b>		<b>4x4</b>
<b>POWERTRAIN:</b>		Refer to the Ordering Guide For 50-States Usage
Engine	— Type	6.7L (406CID) 4V V8 Power Stroke® Turbo Diesel (B20 Biodiesel capable)
Transmission	— Type	TorqShift® Automatic
	— Speeds	6-Speed SelectShift with Tow/Haul Mode
Transfer Case	— Type	Part-Time, 2-Speed
	— Low/High Gear Ratio	2.72:1/1.00:1
<b>AXLES:</b>		
Front Axle	— Type	Monobeam, Dana Super 60
	— Capacity (Rating @ Ground)	6000 lbs.
	— Hubs Type	Manual Locking
Rear Axle	— Type— Full-Floating	Dana Model 80
	— Capacity (Rating @ Ground)	<b>9650</b> lbs.
<b>BRAKES:</b>		
Front/Rear Disc	— Type	Dual-Piston Pin-Slider Calipers, Bolt-on Adapters, Wrap-around Tie Bars
	— Rotor Diameter— Front/Rear	14.53/15.35
Power Assist Unit	— Type	Hydro-Boost
	— Effective Diameter	1.56" Power Piston
Anti-Lock System		4-Wheel (3-Channel)
Parking Brake (Rear Brakes)		8.1" Drum-In-Hat (Foot-Operated, Hand Release)
<b>ELECTRICAL:</b>		
Alternator	— Rating	157 Amperes, 2100 Watt (single 200-amp or dual-combined 357-amp option with 6.7L V8 Diesel)
Battery	— Type	Maintenance-Free
	— Rating	Dual 78 amp.-hr., 750 CCA
Harnesses	— Type	Trailer 7/4-Wire Harness And Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)
<b>FUEL TANK:</b>	— Capacity	37.5 Gal.
<b>JACK:</b>	— Capacity	4 Ton
<b>STEERING:</b>	— Type	Power, Ford XR-51 (Includes Steering Damper)
	— Ratio	20.41:1
<b>SUSPENSION:</b>		
Frame	— Type	Ladder Type, 36,000 psi Steel; Rear rails are upfit friendly open C-channel construction
	— Section Modulus (cu. in.)	6.7
Springs, Front	— Type	Coil, Assigned Rating
	— Rating @ Ground (min.)	Refer to page 67 for usage and ratings
Springs, Rear	— Type	Leaf, Two-Stage Variable Rate Main Plus Auxiliary
	— Rating @ Ground (min.)	Refer to page 67 for usage and ratings
Shock Absorbers	— Gas-Type	1.38"
Stabilizer Bar		Front <b>32mm</b> /Rear 22mm
<b>TIRES:</b>	— Type	Steel-Belted Radial, All-Season, BSW
	— Size	Refer to tire specifications section
	— Spare Tire Carrier	Rear Underframe, Crank Down Type (Includes Lock)
<b>WHEELS:</b>	— Type and Size	Seven, 8-Hole Disc, 17" x 6.5" J Alum.

**NOTE:** Refer to page 67 for Standard and Optional Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

# F-250/F-350/F-450 Super Duty® Pickups

## Technical Specifications

### Axles

#### FRONT AXLE SPECIFICATIONS — 4x2

Super Duty® Series/Model		F-250/F-350
Make		Ford
Max. Rating @ Ground (lbs.)		5250
Axle	— Type	Twin-I-Beam w/Ball Joint Spindle
	— Material	Nodular Cast Iron
	— Spring Centers (in.)	45.5
Radius Arms	— No.	2
	— Material	Stamped, High-Strength Low-Alloy Steel
Ball Joint		Lubed-For-Life Ball Joints
Spindle	— Material	Nodular Cast Iron Body w/Forged Steel Stem
Wheel Bearings	— Type	Tapered Roller

#### FRONT AXLE SPECIFICATIONS — 4x4

Super Duty Series/Model		F-250/F-350	F-450
Make		Dana Super 60	Dana Super 60
Axle Ratio		3.31/3.55/3.73/4.30	4.30
Max. Rating @ Ground (lbs.)		6000	6000
Axle	— Type	Monobeam, Live Spindle	
	Material	Forged Steel	
Spring Centers (in.)		46.45	
Housing	— Type	Unitized	
	— Cover Attachment	Bolted	
Radius Arms	— No.	2	
	— Material	Stamped, High-Strength Low-Alloy Steel	
Wheel Bearings	— Type	Tapered Roller	
Gears	— Type	Hypoid	
Ring Gear	— Pitch Diameter (in.)	10.0	
Pinion	— Mounting	Above Center	
Differential	— Type	2-Pinion	
	— Bearings	Tapered Roller	
Axle Shaft	— Minimum Diameter (in.)	1.356	
	— Diameter over Splines (in.)	1.47	
	— No. of Splines (Hub End)	35	

# F-250/F-350/F-450 Super Duty® Pickups

## Technical Specifications cont'd

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### Axles (cont'd)

#### REAR AXLE SPECIFICATIONS

Model	F-250	F-350 SRW	F-350 DRW Pickup	F-450 DRW Pickup
Make (Standard and Limited Slip)	Ford Sterling	Ford Sterling	Dana 80	Dana 80
Max. Rating @ Ground (lbs.)	6200	7280	<b>9500</b>	<b>9500</b>
Type	Full-Floating			
Driveline Attachment	Circular Flange			
Housing	Cast Center			
— Type	Bolted			
— Cover Attachment				
Section	3.50		4.00	
— Tube Dia. (in.)				
Synthetic Lubricant Capacity (pt.)	7.0		8.25	
Spring Centers (in.)	45.0			
Wheel Bearings	Tapered Roller			
— Type				
Gears	Hypoid			
— Type				
— Material	Alloy Steel			
Ring Gear	10.50		11.25	
— Pitch Dia. (in.)				
Pinion	Overhung			
— Mounting				
Differential	(1)		2-Pinion	
— Type				
Axle Shaft	1.36	1.50		
— Spline Minor Dia. (in.)				
— Spline Major Dia. (in.)	1.50	1.57		
— No. of Splines (Hub End)	35	37		

(1) 2-pinion with 6.2L (378 CID) SEFI V8. 3-pinion with 6.7L (409 CID) OHV V8 turbo diesel engine.

### Brakes

#### HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT/REAR DISC

Type	Super Duty® Series/Model	Axle Usage (lbs.)	Rotor Dia. (in.) OD	Rotor Dia. (in.) ID	Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston No. Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
Front Disc	F-250-F-350	5250/6000	13.66	9.06	Outboard	8.65/2.17/0.45	Dual/2.36	34.6	306.4
					Inboard	8.65/2.17/0.45			
	F-350 DRW	6000	13.66	9.06	Outboard	8.65/2.17/0.58	Dual/2.36	34.6	306.4
					Inboard	8.65/2.17/0.58			
	F-450	6000	14.53	9.06	Outboard	8.65/2.17/0.58	Dual/2.36	34.6	306.4
					Inboard	8.65/2.17/0.58			
Rear Disc	F-250-F-350 SRW	6200/7280	13.39	9.06	Outboard	7.40/1.92/0.33	Dual/1.89	29.6	272.01
					Inboard	7.40/1.92/0.33			
	F-350 DRW	9000/9750	13.39	9.06	Outboard	7.40/1.92/0.33	Dual/2.13	29.6	272.01
					Inboard	7.40/1.92/0.33			
	F-450	9000	15.35	9.06	Outboard	7.40/1.92/0.47	Dual/2.13	29.6	272.01
					Inboard	7.40/1.92/0.47			

#### BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Model/Series	Bore Dia. (in.)	Booster Type
Dual System, Dash-Mounted	All F-250/F-350 (Gas engine)	1.3125	Vacuum
	F-350 (Diesel)/F-450	1.50	Hydro

#### BRAKES BOOSTER SPECIFICATIONS

Make/Type	Super Duty Series/Model	Booster Type	Effective Dia. (in.)	Diaphragm Type
Dash Mounted	All F-250/F-350 (Gas engine)	Vacuum Boost	9.84	Dual
	F-350 (Diesel)/F-450	Hydro	1.56	Power Piston

F-250/F-350/F-450  
SD Pickups



# F-250/F-350/F-450 Super Duty® Pickups

## Technical Specifications cont'd

### Cooling Systems

#### COOLING SYSTEM SPECIFICATIONS

Radiator														
Engine	Cooling	Trans. Usage	Frontal Area (sq. in.)	Core Size (in.)			Rows of Tubes	Fins Per Inch	Cooling System Capacity (liters)	In-Tank Trans. Cooler	Fan Specifications			
				Height	Width	Thickness					Type	No. of Blades	Blade Dia. (in.)	
6.2L 2V V8 SOHC (E85-Flex Fuel)	Standard	All	837	27.5	30.43	1.02	1	12.1	21.0 (20.0)	Standard	Plastic	8	20.0	
6.7L 4V V8 OHV Power Stroke® Turbo Diesel (B20 capable) Main Loop	Standard	All	1102	28.7	38.36	1.65	1	16.0	27.8 (26.3)	None	Plastic	9	24.57	
6.7L 4V V8 OHV Power Stroke Turbo Diesel (B20 capable) Secondary Loop	Standard	All	828	21.0	39.37	1.65	1	18	11.05 (10.4)	Frame-mounted Oil to Coolant Heat Exchanger	(1)	(1)	(1)	

(1) One fan for both systems.

#### AUXILIARY AUTOMATIC TRANSMISSION OIL COOLER APPLICATIONS

Model	Engine	Transmission	Cooler—No. of Channels
All	6.2L 2V SOHC V8	6-speed SelectShift Automatic™ with Tow/Haul Mode	20
	6.7L V8 Turbo Diesel	6-speed SelectShift Automatic with Tow/Haul Mode	None

### Fuel System

#### FUEL SYSTEM DATA

Electronic Fuel Injection	Gas Engine	Sequential Multi-port Fuel Injection
	6.7L V8 Turbo Diesel	High Pressure Common Rail Fuel System
Fuel Pump	Gasoline Engine	Single Electric-In-Tank High Pressure (One Per Tank)
Fuel Filter	Gasoline Engine	In-Tank Large Capacity (One)
	6.7L V8 Turbo Diesel	Full-Flow, Disposable Filter/In-Line Water Separator
Air Cleaner	All Engines	Dry Element, Replaceable

# F-250/F-350/F-450 Super Duty® Pickups

## Technical Specifications cont'd

2011

### Steering

#### STEERING SPECIFICATIONS

Cab Style/ Drive	Series/ Body Style	Wheelbase (in.)	Power Steering <sup>(1)</sup>		Turning Diameter (ft.)	
			Gear Ratio	Overall Ratio	Curb-to-Curb	Wall-to-Wall
Regular Cab 4x2	Pickup	137.0 SRW	18.14	20.49:1	47.7	49.6
		137.0 DRW	18.14	20.49:1	47.7	49.6
Regular Cab 4x4	Pickup	137.0 SRW	18.14	20.41:1	46.1	48.0
		137.0 DRW	18.14	20.41:1	46.1	48.0
SuperCab 4x2	Pickup	141.8 SRW	18.14	20.49:1	49.1	51.1
		158.0 SRW	18.14	20.49:1	54.1	56.0
		158.0 DRW	18.14	20.49:1	54.1	56.0
SuperCab 4x4	Pickup	141.8 SRW	18.14	20.41:1	47.5	49.4
		158.0 SRW	18.14	20.41:1	52.3	54.2
		158.0 DRW	18.14	20.41:1	52.3	54.2
		158.0 DRW	18.14	20.41:1	52.3	54.2
Crew Cab 4x2	F-250/F-350 Pickup	156.2 SRW	18.14	20.49:1	53.5	55.5
		156.2 DRW	18.14	20.49:1	53.6	55.5
		172.4 SRW	18.14	20.49:1	58.5	60.4
		172.4 DRW	18.14	20.49:1	58.5	60.4
Crew Cab 4x4	F-250/F-350 Pickup	156.2 SRW	18.14	20.41:1	51.8	53.7
		156.2 DRW	18.14	20.41:1	51.8	53.7
		172.4 SRW	18.14	20.41:1	56.5	58.4
		172.4 DRW	18.14	20.41:1	56.6	58.4
	F-450 Pickup	172.4 DRW	18.14	20.41:1	50.4	52.5

(1) Power steering fluid cooler is standard.

### Suspensions

#### FRAME SPECIFICATIONS

Cab Style	Super Duty® Series/Model	Wheelbase (in.)	No. of Crossmembers	Maximum Side Rail Section (Height x Width x Thickness) (in.) <sup>(1)</sup>	Section Modulus (cu. in.) <sup>(2)</sup>	Yield Strength (psi)
Regular Cab	F-250/F-350 Pickup/Box Delete	137.0	5	6.87 x 2.36 x .260	6.7	36,000
SuperCab	F-250/F-350 Pickup	141.8	6	6.87 x 2.36 x .260	6.7	36,000
	F-250/F-350 Pickup/Box Delete	158.0	6	6.87 x 2.36 x .260	6.7	36,000
Crew Cab	F-250/F-350 Pickup	156.2	6	6.87 x 2.36 x .260	6.7	36,000
	F-250/F-350/F-450 Pickup/Box Delete <sup>(3)</sup>	172.4	6	6.87 x 2.36 x .260	6.7	36,000

(1) Measured to inside of metal.

(2) Cross-sectional modulus calculated at back of cab, to inside of metal.

(3) Box Delete not available on F-450 Pickups.

#### SHOCK ABSORBER SPECIFICATIONS

Super Duty Model	Wheelbase (in.)	Usage	Front			Rear		
			No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
Pickup	All	Std.	2	1.38	Gas-Pressurized	2	1.38	Gas-Pressurized

# F-250/F-350/F-450 Super Duty® Pickups

## Technical Specifications cont'd

### Suspensions (cont'd)

#### SPRING SPECIFICATIONS — FRONT COIL

Super Duty® Series/Model	Combined Rating @ Ground (lbs.)	Height of Spring @ Design Load (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Deflection Rate @ Ground (lbs. per in. ea.)
F-250-350 4x2	3800	12.5	4.3	.799	638
	3950	12.5	4.3	.799	638
	4100	12.5	4.3	.810	677
	4250	12.5	4.3	.810	677
	4400	12.5	4.3	.830	716
	4550	12.5	4.3	.830	716
	4700	12.5	4.3	.870	745
	4850	12.5	4.3	.870	745
	5000	12.5	4.3	.880	780
	5250	12.5	4.3	.880	780
F-250-350 4x4	4000	14.7	4.1	.670	349
	4400	14.7	4.1	.690	383
	4800	14.7	4.1	.720	410
	5200	14.7	4.1	.730	430
	5600	14.7	4.1	.760	469
	6000	14.7	4.1	.770	499
F-450 4x4	5200	14.7	4.1	.730	430
	5600	14.7	4.1	.760	469
	6000	14.7	4.1	.770	499
	6500	14.7	4.1	.800	553

#### SPRING SPECIFICATIONS — REAR LEAF

Super Duty Series/Model	Combined Rating @ Ground (lbs.)	No. of Leaves	Total Thickness @ Pad <sup>(1)</sup> (in.)	Overall Length (in.)	Width (in.)	Deflection Rate (lbs. per in./ Spring) <sup>(2) (3)</sup>	Rating Each @ Pad (lbs. per Spring)
<b>Main Leaf Pack and Auxiliary Spring (Including Auxiliary Spacer)</b>							
F-250 Pickup <sup>(4)</sup>	6100	4	4.75	66.3	3.00	349/654/1174	3133
F-250 Pickup <sup>(5)</sup>	6100	5	6.21	66.3	3.00	343/686/1639	3133
F-350 Pickup <sup>(6)</sup>	7000	4	4.75	66.3	3.00	349/654/1174	3133
F-350 SRW Pickup <sup>(7)</sup>	7000	5	6.21	66.3	3.00	343/686/1639	3133
F-350 DRW Pickup	9000	5	5.48	66.3	3.00	448/930/1800	4289
F-450	9000	5	5.48	66.3	3.00	448/930/1800	4289
<b>Main Leaf Pack Only</b>							
F-250 Pickup <sup>(8)</sup>	6100	3	3.28	66.3	3.00	324/782	2695
F-250 Pickup <sup>(9)</sup>	6100	4	3.62	66.3	3.00	314/650	2695

(1) Includes top plate.

(2) Pickup and Box Delete models include two-stage, variable-rate springs.

(3) Lists first stage/second stage/third stage as applicable.

(4) Auxiliary rear spring available and included with Camper Package and Heavy Service Package for Pickup Box Delete only (all 4x4 only; Diesel 4x2 156.2", 158.0" and 172.4").

(5) Auxiliary rear spring included with Camper Package and Heavy Service Package for Pickup Box Delete only (4x2 Diesel 137.0" and 141.8", 4x2 Gasoline 156.2", 158.0" and 172.4").

(6) 4x2 Diesel 156.2", 158.0" and 172.4"; 4x4 156.2", 158.0" and 172.4".

(7) 4x2 and 4x4 137.0" and 141.8"; 4x2 Gasoline 156.2", 158.0" and 172.4".

(8) 4x2 Diesel 156.2", 158.0" and 172.4"; 4x4 Diesel 137.0" and 141.8"; 4x4 156.2" and 158.0".

(9) 4x2 137" and 141.8", 4x2 gas 156.2", 158" and 172.4"; 4x4 gas 137" and 141.8".

# F-250/F-350/F-450 Super Duty® Pickups

## Technical Specifications cont'd

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### Tires and Wheels

#### TIRE SPECIFICATIONS

Size	Tread Type and Sidewall	Rim Width (in.)	Section Width (in.) <sup>(1)</sup>	Ply/ Load Rating	Max. Inflation Press. (psi)	Load Limits @ Max. Inflation Press. (lbs.)	Static Loaded Radius (in.)	Revolutions Per Mile @ 45 mph
LT245/75R17	A/S-BSW	7.5/6.5 <sup>(2)</sup>	<b>10.11</b>	10/E	80	3195/2910 <sup>(2)</sup>	14.57	660
LT245/75R17	A/T-BSW and OWL	7.5/6.5 <sup>(2)</sup>	9.76	10/E	80	3195/2910 <sup>(2)</sup>	14.78	663
LT265/70R17 <sup>(3)</sup>	A/T OWL	7.5	10.71	10/E	80	3195	14.72	660
LT275/65R18 <sup>(3)</sup>	A/S-BSW	8.0	10.98	10/E	80	3415	14.82	652
LT275/70R18 <sup>(3)</sup>	A/T-BSW and OWL	8.0	<b>11.25</b>	10/E	80	3640	<b>15.50</b>	629
LT275/65R20 <sup>(3)</sup>	A/T OWL	8.0	<b>11.1</b>	10/E	80	3750	<b>15.90</b>	605

(1) Tire and rim maximum width.

(2) Single Rear Wheel/Dual Rear Wheel: Rim Width and Load Rating.

(3) Single Rear Wheel only.

#### WHEEL SPECIFICATIONS

Wheel Type	Wheel Size	Nominal Inset mm (in.)	No. of Studs	Bolt Circle mm (in.)	Max. Wheel Capacity Load (lbs. @ ground)
Argent Painted Steel (F-250/F-350 SRW)	17" x 7.5" J	40 (1.57)	8	170 (6.7)	3195
Cast Aluminum (F-250/F-350 SRW)	17" x 7.5" J	40 (1.57)	8	170 (6.7)	3195
Argent Painted Steel (F-350 SRW)	18" x 8.0" J	40 (1.57)	8	170 (6.7)	<b>3590</b>
Bright Machined Aluminum (F-250/F-350 SRW)	18" x 8.0" J	40 (1.57)	8	170 (6.7)	<b>3590</b>
6-spoke Aluminum (F-250/F-350 SRW)	18" x 8.0" J	40 (1.57)	8	170 (6.7)	<b>3590</b>
Polished Aluminum (F-250/F-350 SRW 4x4)	20" x 8.0" J	40 (1.57)	8	170 (6.7)	<b>3590</b>
Argent Painted Steel (F-350 DRW)	17" x 6.5" J	142 (5.55)	8	200 (7.87)	3195
Forged Polished Aluminum (F-350/F-450 DRW)	17" x 6.5" J	142 (5.55)	8	200 (7.87)	3195
King Ranch Aluminum (F-250/F-350 SRW 4x4)	20" x 8.0" J	40 (1.57)	8	170 (6.7)	<b>3590</b>

### Transfer Case

#### TRANSFER CASE SPECIFICATIONS

Make and Model	Manual T-Case (MSOS)	Electronic T-Case (ESOF)
Application	Manual Mechanical Shift-On-Stop (manual shift lever)	Electric Shift-On-the-Fly (rotary switch control)
Super Duty® Series/Model	F-250/F-350/F-450	
Type	2-Speed Planetary Gears	
Lubricant Capacity (pt.)	4.0	
Gear Ratio — High Range	1.00:1	
Gear Ratio — Low Range	2.72:1	
Case Material	Aluminum	

F-250/F-350/F-450  
SD Pickups

# F-250/F-350/F-450 Super Duty® Pickups

## Technical Specifications cont'd

### Transmission

#### AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford TorqShift® Heavy Duty 6-Speed SelectShift Automatic™ Overdrive
Application	6.2L 2V SOHC V8 (E85-Flex Fuel) and 6.7L 4V Power Stroke® Turbo Diesel (B20)
Ratios (to 1):	
1st	3.974
2nd	2.318
3rd	1.516
4th	1.149
5th	0.858
6th	0.674
Reverse	3.128
Converter Torque Ratio @ WOT Stall	1.9 (6.2L, 6.7L)
Lubricant Capacity (qts.)	18.1 Qts./17.1 Liters (6.7L), 19.2 (Qts./18.2 Liters (6.2L)
Power Takeoff Data:	6.7L V8 Diesel only (Optional)
Opening	SAE 6-Bolt, LH Side
Gear ratio	1.00 Direct Drive
Pitch line diameter velocity @ 1000 engine rpm (ft./min.)	1118
rpm @ 1000 engine rpm	1000
Number of teeth	52
Pitch diameter (in.)	4.27055 in. (108.472mm)
Module	2.086
Normal pressure angle	19.339°
Helix angle	RH-Spur Gear

#### UREA (DEF) DIESEL AFTERTREATMENT SPECIFICATIONS

Availability	Location	Capacity (gallons)	Tank Type
Diesel Pickup	Inboard on Frame Rail	5.0	Plastic (Urea Corrosive To Metal)

1. Ford material spec: WSS-M99C130-A.
2. Heated urea delivery module (urea freezes at -12°F.
3. Urea solution: -32% ammonia (NH3) solution in water.
4. Tanks can be filled using either bottles or nozzle.
5. Fluid is corrosive.
6. Fluid is nonflammable.
7. Supply lines area heated and are wheelbase dependent for wide frames (x5), and cab length dependent on narrow frames (x3). Lines are formed, however somewhat flexible.
8. Vehicle operation will degrade as urea levels reach extremely low levels since this is an emission-regulated component. Vehicle speed will be gradually lowered to zero if operator takes no action to refill the tank.

# F-250/F-350/F-450 Super Duty® Pickups

## Special Applications

# 2011

### Pickup Box Delete/Removal

**NOTE:** Refer to the latest Body Builders Layout Book. Also refer to the Weight Ratings Charts in this section.

### Trailer Towing/Camper Information

**NOTE:** For additional towing information, see the RV and Trailer Towing Guide, available as a printable PDF on **eSourceBook**, or the Vehicle Owner's Guide.

### Power Takeoff

**NOTE:** Refer to the latest Builders Layout Book. Also refer to the Transmission Specification Charts in this section.

## Snowplow Installation/Minimum Required and Recommended Equipment

**The Super Duty® F-Series vehicles tabled below are available for snowplow usage.**

### Minimum Required Equipment

- Snowplow Package, includes:
  - Front Spring/GAWR Upgrade (Refer to the Weight Ratings charts on pages 61–67 for specific spring/GAWR selection for each model)
  - 157-amp, heavy duty alternator (6.2L). Optional: Dual alternators 357-amp (6.7L diesel)
  - Plow and attaching hardware weight limits are as tabled below.

### Recommended Equipment

- All-Terrain Tires and Roof Clearance Lights (Optional with SRW Pickup models, required with F-350 DRW and F-450)

### Standard Equipment

- Front and rear stabilizer bar (rear standard on Chassis Cab and DRW Pickup models)
- Roof Clearance Lights (Standard on Chassis Cab and required on Pickup models)
- Steering Damper
- Engine oil cooler, auxiliary automatic transmission oil cooler and maximum capacity engine coolant radiator are standard
- All available axle ratios are acceptable
- When snowplowing, operate automatic transmission with shift lever in overdrive position.

### Vehicles Available For Snowplow Applications

F-250-450 4x4 Pickup/Box Delete Models (With Driver and One Passenger)

Cab Style	Wheelbase	Engine	F-250 4x4	F-350 SRW 4x4	F-350 DRW 4x4	F-450 4x4
Regular Cab	137.0"	6.2L V8	100/1005	100/1005	100/1005	—
		6.7L V8 Diesel	100/1005	100/1005	100/1005	—
SuperCab	141.8"	6.2L V8	100/1005	100/1005	—	—
		6.7L V8 Diesel	100/950	100/900	—	—
SuperCab	158.0"	6.2L V8	100/1005	100/1005	100/1005	—
		6.7L V8 Diesel	100/800	100/750	100/800	—
Crew Cab	156.2"	6.2L V8	100/1005	100/1005	—	—
		6.7L V8 Diesel	100/800	100/800	—	—
Crew Cab	172.4"	6.2L V8	100/1005	100/1005	100/1005	—
		6.7L V8 Diesel	100/700	100/700	100/650	100/650

LEGEND: 100/750 = Maximum 100 lbs. of permanently attached hardware/Maximum 750 lbs. of removable plow blade and hardware. The plow and hardware weight limits shown are based upon a vehicle with maximum buildable Ford option content and 150 lbs. each for the driver and one front-seat passenger.



# F-250/F-350/F-450 Super Duty® Pickups

## *Special Applications cont'd*

### **Completed Vehicle Weight**

The weight of the completed vehicle with equipment installed (and second unit body, if applicable) must not exceed the Front GAWR, Rear GAWR or GVWR established by Ford, with consideration for the driver and one front-seat passenger. If sufficient weight is added such that the completed vehicle with a driver and more than one passenger would exceed Front GAWR, Rear GAWR or GVWR, it is the responsibility of the equipment installer to notify the customer of the appropriate use restrictions (i.e.: that the user should limit occupancy of the vehicle to the driver and one passenger while the equipment is installed). The addition of ballast weight, placed rearward of the rear axle, may be required to prevent front end overloading or exceeding Front GAWR. If required, the ballast weight must be securely attached to the vehicle. For Ford completed vehicles of 10,000 lbs. GVWR or less, the weight of permanently attached equipment must not exceed the Total Accessory Reserve Capacity (TARC) as specified on the Safety Compliance Certification Label. Permanently attached equipment includes the snowplow frame-mounting hardware, and does not include the removable snowplow blade assembly. Exceeding TARC will require recertification.

### **Front End Wheel Alignment and Headlight Aim**

Front end wheel alignment (toe) and headlight aim may require readjustment after installation of equipment, and is the responsibility of the equipment installer. Failure to reset front wheel alignment may cause premature uneven tire wear. If required, reset to chassis manufacturer's specifications found in the Ford Shop Manual.

### **Electrical Connections**

Installation of any inductive load devices (i.e., electric motors, electric clutches for clutch pumps, etc.) **MUST NOT** be connected to OEM wiring or fuse panels. Power for such devices should be taken directly from the battery or starter motor relay power terminal. Control of these devices should be achieved via relays. No direct current path should exist between OEM wiring and the installed load that is not filtered by the battery. These recommendations are intended to reduce or eliminate any induced reverse voltage into the OEM circuitry.

### **Warranty**

The Normal Ford New Vehicle Limited Warranty applies to vehicles with snowplows installed in accordance with these guidelines. Consult your Ford dealer or the Owner's Guide for any further questions.

# F-250/F-350/F-450 Super Duty® Pickups

## Ford Custom Accessories

# 2011

ON THIS PAGE

- Available Ford Custom Accessories
- Selling Ford Custom Accessories



### Ford Custom Accessories Available for 2011 F-250/F-350/F-450 Super Duty® Pickups

#### Appearance

- Chrome exhaust tip
- Custom graphics by Original Wraps™

#### Wheels

- Stainless steel wheel covers by Phoenix™
- Wheel locks

#### Bed Products

- Bed extender
- Bed mat
- Bedliners
- Cargo/Tool Box by Delta®
- 5th-Wheel Hitch Kit
- Gooseneck Hitch Kit
- Hard and soft tonneau covers
- Retractable rear bed step by Bestop®
- Retractable tie-downs by Bull Accessories
- Sportliner™ by BedRug®

#### Electronics

- Back-up Alarm by ECCO®
- Back-Up Camera by AudioVox®
- Dual Headrest DVD by INVISION™
- Ford Work Solutions™, Crew Chief™
- Ford Work Solutions, In-Dash Computer
- Ford Work Solutions, Tool Link™ Kit
- GPS Tracking & Recovery by SmartAlert™
- HitchScan™ Rear Park Assist by EchoMaster®

- Keyless Entry Keypad
- Parking Assist Systems by EchoMaster
- Portable Navigation Systems by Garmin®
- Remote Start Systems
- Vehicle security system
- Wiper De-Icer & Debris Cleaner by Wiper Shaker®

#### Exterior

- Hood deflector
- Side window deflectors
- Splash guards – diamond plate, flat, molded
- Sportz® Bed Tent

- Step bars – black or chrome
- Trailer hitch drawbar & hitch balls

#### Interior

- Ash cup/coin holder
- Floor mats – all-weather vinyl
- Katzkin® leather-trimmed seating
- Protective seat covers by Covercraft®
- Soft-sided cargo organizers – folding
- Soft-sided cooler bag

#### Selling Ford Custom Accessories

- Offer Ford Custom Accessories to every customer
- Most new vehicle owners want to personalize their ride
- Add Ford Custom Accessories into the deal for just a few dollars more
- Use the online "Accessorizer" to show customers how their vehicle will look
- Only you can offer Ford Custom Accessories covered by the Ford New Vehicle Limited Warranty

custom  
accessories



[fordaccessories.com](http://fordaccessories.com)



July 2010

[esourcebook.dealerconnection.com](http://esourcebook.dealerconnection.com)

RE&T: 2011 Source Book

F-250/F-350/F-450  
SD Pickups

# F-250/F-350/F-450 Super Duty® Pickups

## Ford Custom Accessories Product Information Resources

### All-New Consumer Catalog

Review the biannual consumer catalogs with your customers to show them the wide variety of Ford Custom Accessories available for their vehicle. The current consumer catalogs are available in limited quantities at the Dealer e-Store (ABT-4315). The latest version highlights the all-new Fiesta and 2011 F-Super Duty and includes feature articles, Ford Racing Product information and Accessories listings with part numbers.

A black-and-white Dealer Companion version (ABT-4316) of the catalog includes part numbers from 2006 Model Year and forward, along with labor times and pricing.



ABT-4315

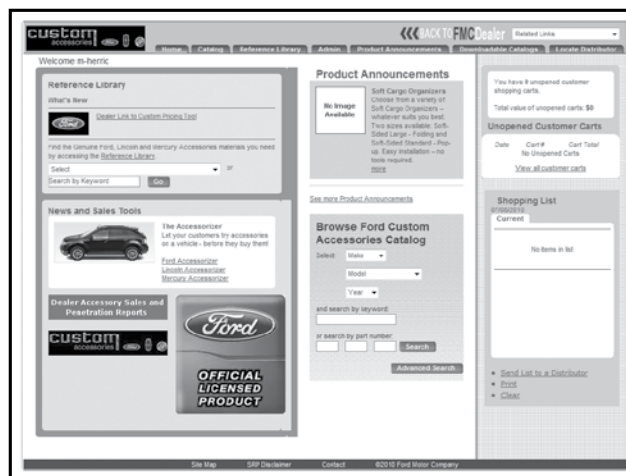


ABT-4316

### Don't Forget the Accessories Website

The Accessories website contains additional detailed information on Ford Custom Accessories and Ford Licensed Accessories. The Accessories site is accessed from **FMCDealer.com** at <http://accessories.dealerconnection.com/b2bHome.do>. Information found at the website includes:

- Online Catalog
- Complete Reference Library with sources for:
  - Installation instructions
  - Part number and price lists with install times
  - Hero Cards and other marketing materials
  - FAD contact list
  - Supplier contact list
- Dealer Accessories admin section
- Product announcements
- Downloadable Catalogs
- Links to other related websites



### Tools to Help YOU Sell Accessories

The Accessories Team is continuously developing new tools for you to use to help sell Accessories. Use the tools at hand and make your Accessories Department a profit center.

